NATIONAL TRANSPORTATION SAFETY BOARD

IN RE:

THE EL FARO INCIDENT OFF THE: NTSB Accident No.

COAST OF THE BAHAMAS ON : DCA16MM001

OCTOBER 1, 2015

INTERVIEW OF: JOHN LAWRENCE

Tuesday,

October 13, 2015

Jacksonville, Florida

BEFORE:

MIKE KUCHARSKI, NTSB BRIAN YOUNG, NTSB CARRIE BELL, NTSB LOUIS O'DONNELL, ABS KEVIN STITH, TOTE Services LEE PETERSON, TOTE Services MELISSA SERRIDGE, TOTE Services U.S. Coast Guard JASON NEUBAUER, U.S. Coast Guard LCDR U.S. Coast Guard U.S. Coast Guard AL SHEPHERD, ABS

PRESENT ON BEHALF OF THE INTERVIEWEE:

MIKE TANNER, ESQ., Tanner Bishop

This transcript was produced from audio provided by the National Transportation Safety Board.

P-R-O-C-E-E-D-I-N-G-S

MR. KUCHARSKI: Good afternoon everyone. My name is Mike Kucharski. I'm with the NTSB and I'm the Group Chairman for the Operations Sector, mainly nautical operations section for the NTSB relating to the incident, recent incident with the El Faro ROLO vessel.

The reason we're here is to interview John Lawrence. And John before I go further, I have the recorder on. Do you have any problems with us recording this?

MR. LAWRENCE: No.

MR. KUCHARSKI: This will be transcribed, this recording. You can request a copy of that transcription. If you do, you will be offered a chance to suggest changes to errata sheet. We will review them and make appropriate changes if needed.

MR. LAWRENCE: Understood.

MR. KUCHARSKI: The purpose of this investigation is to increase safety, not really to assess liability, blame, or fault. The NTSB though cannot offer any guarantee of confidentiality or immunity from legal or license actions. Let me stop there. We have no enforcement capabilities but this interview will be part of the public record. It's in

our docket system. Your name will appear on there. Just so you know, there's no social security number or anything like that but personal information we guard, we redact that. But it will be part of the docket.

You as the interviewee can have one personal representative. The personal representative does not testify on your behalf but you're welcome to consult with the personal representative that you've chosen before you answer. If there's any clarification, lengthy clarification that needs to be made, I will stop the recording, we'll go off the record. We can discuss it and then it'll go back on the record.

And I say that, if it seems like there's a confusion about what the form of the question or whatever it may be, it's not to, it's not a win or lose situation. We want to make sure we understand clearly what you want to say and that our questions are clear to you. Understood?

Your personal representative also will not be allowed to or be limited to any objections. really can't object. Let me back up, can object. really doesn't change our right to question, we will continue. Do you have any questions so far?

MR. LAWRENCE: No, sir.

MR. KUCHARSKI: Okay. So we'll start the

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1	actual interview. First off, Mr. Lawrence would you
2	spell your name?
3	MR. LAWRENCE: First name J-O-H-N, last name
4	L-A-W-R-E-N-C-E.
5	MR. KUCHARSKI: Would you give us your
6	background? Oh I'm sorry, yes. Let me go around the
7	table and introduce all the, ask all the people that
8	are here to introduce themselves starting on your left.
9	TANNER: Mike Tanner, representative for
10	Captain Lawrence.
11	MR. YOUNG: I'm Brian Young. I'm the
12	Engineering Group Chairman for the NTSB.
13	MR. O'DONNELL: Louis O'Donnell, Assistant
14	Chief Surveyor, ABS and part of the Engineering Group.
15	MS. BELL: Carrie Bell, Human Performance
16	Group Chair, NTSB.
17	MR. STITH: Kevin Stith with TOTE Services
18	on the Operations Group.
19	MR. PETERSON: Lee Peterson, Director of
20	Marine Services with TOTE Services (inaudible)
21	representative.
22	MS. SERRIDGE: Melissa Serridge, TOTE
23	Services. I'm part of a Human Performance Group.
24	MR. Coast Guard
25	civilian investigator, Human Performance Group.

1	MR. NEUBAUER: Captain Jason Neubauer. I'm
2	the lead Coast Guard investigator.
3	MR. SHEPHERD: Al Shepherd. I'm with the
4	American Bureau of Shipping, our corporate management
5	systems division. And I'm with the Human Performance
6	Group.
7	LCDR U.S. Coast Guard,
8	with the Engineering Group.
9	MR. With the Coast
LO	Guard. I'm with the Operations Group.
L1	MR. KUCHARSKI: Okay. Thank you group.
L2	Thank you everyone. Mr. Lawrence, could you give us
L3	your background, marine type background that prepared
L 4	you for this job or brought into this job?
L5	MR. LAWRENCE: Okay. I attended the U.S.
۱6	Merchant Marine Academy at Kings Point, New York,
L7	graduated in 1975. And I sailed on various, mostly
18	deep sea merchant vessels for approximately 14 years,
L9	the last few years as Captain.
20	Then I came ashore in 1989, worked for
21	Maritime Overseas as a Port Captain out of Manhattan,
22	New York home base. And from there I went, took a job
23	with Alaska Tanker Company which was partly made up by
24	OSG, Maritime Overseas as well.
25	And there was an opportunity for a promotion

1	for me and to move to the other side of the company. I
2	was team leader for HSE for Alaska Tanker Company for
3	approximately six and a half years. And then I took an
4	opportunity with K-SEA Transportation, a tug and barge
5	company out of Staten Island, New York.
6	And I finished my position there. When I
7	left, I was Vice President of HSQE, health safety,
8	quality, and environment. We were purchased by Kirby,
9	another company, and they basically eliminated my
10	position and the entire corporate office eventually.
11	So this opportunity came to me with TOTE
12	Services. I took this job in February 2014, a little
13	over a year and a half ago.
14	MR. KUCHARSKI: Okay. You mentioned that
15	you sailed 14 years, four as Master.
16	MR. LAWRENCE: About two, a little over two
17	years.
18	MR. KUCHARSKI: Two years as a Master. What
19	vessels did you serve as Master?
20	MR. LAWRENCE: The Overseas Natalie was my
21	first ship. Then I also was the Overseas Marilyn and
22	the Overseas Alaska and the Overseas New York.
23	MR. KUCHARSKI: And those were, those four
24	ships?
25	MR. LAWRENCE: The three of them were. The

Overseas Natalie was a tanker and the Overseas New York 1 was a tanker and the Overseas Alaska was a tanker. 2 The Overseas Marilyn was a bulk carrier, bulk and break 3 bulk. 4 5 MR. KUCHARSKI: And were all those ships in full operation? 6 7 MR. LAWRENCE: Yes. 8 MR. KUCHARSKI: Of those, time where you 9 were Master, how many rough seas, above a sea state of say six, were you Master of? 10 11 MR. LAWRENCE: I cannot recall. 12 MR. KUCHARSKI: Where were the runs that you 13 were on? MR. LAWRENCE: Mostly the tankers were --14 well the Overseas Natalie was mostly on a run from 15 16 Panama to Puerto Rico and then up to the Gulf of Mexico and most of those ports there. The other two tankers, 17 18 the Overseas New York and the Overseas Alaska in the 19 same type of run. They were basically in the Gulf of 20 Mexico U.S. ports. 21 They're all (inaudible) Jones Act ships. 22 The Overseas Marilyn, basically around the world, 23 different places there. I went to South Africa, 24 Durban, made one tour there. Then we went to San 25 Salvador, El Salvador, two trips there. And I'm trying

to remember -- I think that was it on that ship there.

MR. KUCHARSKI: Have you ever handled one of those ships in a hurricane or a full storm condition?

MR. LAWRENCE: Not as Master. I've been Chief Mate on vessels that were in, you know, typhoons and hurricanes. But I cannot recall if I was on any of those as Master. I mean, had a lot of heavy weather at times but I cannot if it was hurricane force or any specific hurricane.

MR. KUCHARSKI: Did you notice any difference the way a ship flexed in the hull or the way it operated, the differences between tankers and bulkers?

MR. LAWRENCE: I think it depends on the size of the ship. You know, tankers we used to see they were typically lower in the water. You'd get a lot of wash at times depending on the sea state. You'd have, sort of depending again on the size of ship there, a lot more flex, a lot more pounding that you would have to reduce by reducing speed and possibly direction.

The freighter was a little, a smaller ship.

I think it was roughly six to seven hundred feet long.

Still have conditions of pounding. But again, each ship has its own specialty as far as the operation and

what it does in seas and weather.

I was on a heavy lift ship for a number of years as Chief Mate that had a flat bottom. And we'd take a lot of seas over the stern that would determine how we'd have to maneuver the vessel in heavy seas. So to me, every vessel is a little distinctive as far as the construction and how they handle the rough weather.

MR. KUCHARSKI: Allow me to be a little bit more direct then. How about high speed type vessels like container ship or a ship like the TOTE ships? The Sea Star ships which are capable of doing 20 plus knots.

MR. LAWRENCE: I think the fastest ship I was on was about 16 knots.

MR. KUCHARSKI: Sixteen knots. And was it a container type ship?

MR. LAWRENCE: No it was one of the tankers, you know, they're freighters.

MR. KUCHARSKI: Let me stop there. Any questions at this juncture? Okay. Let's move forward now to your current position. Could you tell us what that is? And then the day to day type duties and then the overall duties that you perform.

MR. LAWRENCE: Okay. My title is Manager of Safety and Operations. My responsibilities, I have

quite a few hats I guess you could say. Let me say up front there, I think the title, our titles may be a little misleading as far as to the actual responsibilities of the position. So to me, it's based more on the responsibilities of the position, not so much the titles.

One hat I wear is on the safety side as the designated person of the company. Designated person is required by our ISM, International Safety Management code. In that position there, I'm the liaison between the vessels and the office. I don't know if you want me to go in to explain exactly what these different positions mean as far as --

MR. KUCHARSKI: Sure. Would you please?

MR. LAWRENCE: -- as far as my

understanding. Sure. Designated person is again, many
responsibilities but their main responsibility is in
being the conduit between the vessels and the ships as
far as issues of safety and environmental protection.

I have to have a direct line to the highest management of the company, meaning the President of the company for that role. I have to have access to him.

The information on the ships as far as the designated person, and what I instructed when I go on the ships and talk to any of our employees, is that I'm available

if you have any issues. Safety or environmental issues onboard the vessel that you feel are endangering the vessel or yourself, your persons and safety or the environment.

You should bring it to your supervisor on the vessel. Try to go as far as you can within the vessel's chain of command. If you cannot get the problem cured within the chain of command or if it's a chain of command, say the Master or Senior Officer that's causing this problem, then you can bring it to me shoreside.

My name is posted all over each vessel with my cell phone number so they can call me direct. Or they can call the company and ask for the designated person and everybody should know who the designated person is. It doesn't necessarily have to have my name up there. It could just say designated person and everybody on the ship should be aware of the designated person position.

However, this company puts my name underneath that as designated person and my telephone number. And what I explain to the crews is that, if you call me, if it's an issue that you would like to be confidential, I will intend and I will try to keep it confidential as much as can be confidential on a small

ship because it may come out.

Once you report something to me, there's always that possibility that it may not be confidential. However, I will attempt to keep it confidential. I may even tell the President of the company that we have an issue on a ship and basically what the issue is, and not tell him the name of the person at that time if the person wishes to keep it confidential.

A number of times I will tell the person too, you may have to give me additional information.

And in order for me to, you know, to attend to this problem and we can't keep it confidential. The other thing I tell them is my responsibility as designated person, my legal responsibility as far as I'm concerned, within the ISM system too, investigate and follow up on any designated person complaint to me.

I'll also tell them that many of the issues that I would get as a designated person may typically be really something that is a human resource issue, a harassment or I'm not getting enough overtime. And I've received calls like that, more of calls like that over my career because I've been designated person for various companies.

And I tell them that, feel free to call me

if you don't know who else to call for issues like that. And I'll make sure it gets pushed to the right direction. So that's my -- and the other part of the duties off the ship for designated person is oversight of our safety management system.

Ensuring that our safety management system works, ensuring that we have the proper resources to make it work, and ensuring the upkeep and that it's maintained properly. So that's one hat as designated person.

MR. KUCHARSKI: Any questions, just related to the overall duties? Because we will get into the safety management system. I have detailed questions.

MR. YOUNG: Brian Young with the NTSB. Do you have any training in terms of ISO, ISM auditing capability? Lead auditor or any other classes that you've taken?

MR. LAWRENCE: Yes I'm in charge of the auditing process with the company. I've had the formal training years ago that I've just continued doing audits. So that's kept up my training. I would have to check my certificate, I do have a certificate. If I remember correctly, it was an ABS course. I'm not 100 percent sure of that. I'd have to check that.

But yes, I've had the oversight of -- that's

part of our ISM system. You know, I have oversight of our safety management system, internal auditing. And external auditing by class or regulatory authority is also my responsibility, to make sure it's getting accomplished.

I don't necessarily conduct all the audits myself even though I'm trained to do that. I may hire third party auditors or persons within the company that have had auditor training to do the internal audits. So it varies.

MR. YOUNG: Thank you.

MS. BELL: Carrie Bell, NTSB. Are you also responsible for the Emergency Response Team and their training?

MR. LAWRENCE: Yes. As I said, I have a number of hats. Another one is, you know, company security officer, designated employee representative for drug and alcohol program. And the Emergency Response Team Coordinator is also my responsibility.

MS. BELL: So are you responsible for doing the training with the people that are on that team?

MR. LAWRENCE: As I said, I'm fairly new with this company. So most of the persons on that team were with the company before. So I'm not 100 percent sure of the training they had prior to me joining the

company. But yes, I'd say it's my responsibility to 1 2 make sure that the people on the Emergency Response Team are qualified to be on that team. 3 MS. BELL: Thank you. 4 5 MR. KUCHARSKI: Any other questions, broad 6 questions? Mr. Lawrence, how long did you say you've 7 actually been with the company? 8 MR. LAWRENCE: I started in February of 2014. 9 10 So about a year and a half? MR. KUCHARSKI: 11 MR. LAWRENCE: Correct. MR. KUCHARSKI: Who is your direct report? 12 He's the MR. LAWRENCE: Lee Peterson. 13 Director of Marine Services. 14 MR. KUCHARSKI: And any other day to day 15 duties? 16 So we've covered SMS, you're DPA. Any other day to day duties? 17 18 MR. LAWRENCE: There's a lot of them. It's 19 basically everything associated with what we just 20 talked about. I mean, there's a lot of things 21 associated with the safety management system. 22 a lot in the auditing process. We have a large fleet. 23 It's, you know, 27 plus ships there. 24 So each one of those pieces of the fleet has 25 different audit procedures. I'm also in charge of the

vessel response plans, the water pollution response plans on the various vessels. Like I said, I'm also the company security officer.

And each vessel, each set of vessels depending if they're government vessels or commercial vessels have different plans associated with them and different type plans. The government vessels, actually I am not the -- actually that's another duty I forgot to mention, the qualified individual.

I'm one of the three qualified individuals for TOTE Services as well. So I'm responsible for, if I'm called to work with a water pollution case there. I'm basically on oil spill response team involved in a specific response. Then a qualified individual has the authority of the company to basically spend all its money to make sure that the oil is cleaned up. In a nice way of putting that.

MR. KUCHARSKI: And so I understand the structure a little bit, you're the DPA for TOTE

Services. Does that include the government vessels?

MR. LAWRENCE: Yes it does.

MR. KUCHARSKI: All the vessels commercial and government?

MR. LAWRENCE: Yes. Let me step back, we do have two ships that we provide crews on that ship,

(inaudible) ships where they do not utilize our safety management system. They just utilize our crew so I'm not the designated person for those ships. So it depends on the contracts we have with the various units.

MR. KUCHARSKI: You mentioned, I'm going to go back just a second. You said you were Port Captain for Maritime Overseas?

MR. LAWRENCE: For ten years, correct.

MR. KUCHARSKI: For ten years. How would you compare your position at Maritime Overseas as Port Captain to your position here as Director of Safety -- I'm sorry, as Manager of Safety and Operations.

MR. LAWRENCE: Well it's a different setup, different organizational setup. At TOTE Services, we do not have any Port Captains in the organization for the vessel. We have one Port Captain for one specific unit but no Port Captain positions that oversee all the various vessels.

Whereas at Maritime Overseas, we had a Port Captain and a Port Engineer for every vessel or for a number of vessels. So there we had, I think four, roughly four to five Port Captains. And each one of us was assigned a number of vessels that we were responsible for.

And that responsibility included safety and 1 2 environmental -- actually we had a separate environmental person that did the environmental plans, 3 the vessel response plans at Maritime Overseas. But as 5 far as safety, the Port Captains oversaw all the safety responsibilities with the vessels including safety 6 7 equipment and auditing, safety audits. 8 Anything to do with the ISM system and any 9 regulatory issues that would come up too. Compliance 10 issues that the Port Captain would be responsible for 11 versus the Port Engineer who would have all the technical management of the vessel and that side. 12 MR. KUCHARSKI: In your current position, do 13 you handle navigational matters? 14 15 MR. LAWRENCE: No. And let me say, because 16 of my experience, I may be questioned on certain things, you know, just as part of the team. But I do 17 18 not have any direct responsibilities for that. 19 MR. KUCHARSKI: As Port Captain for Maritime 20 Overseas, did you have some responsibility for 21 navigational type issues? 22 MR. LAWRENCE: Yes. 23 Let me ask you specifically, MR. KUCHARSKI: 24 do you see the voyage plans that come in for these 25 vessels?

1	MR. LAWRENCE: Which company? This one
2	here?
3	MR. KUCHARSKI: Yes, sorry. That was like a
4	trick question. Yes for TOTE Services.
5	MR. LAWRENCE: TOTE Services, no.
6	MR. KUCHARSKI: How about at Maritime
7	Overseas? Did you see the voyage plans?
8	MR. LAWRENCE: Not necessarily. And again,
9	that was because it was a different setup. You know,
10	our charters would be more involved in the voyage plans
11	that we would. We would be more involved in the after
12	voyage information coming up from the previous trips,
13	making sure that it gets, you know, gets put into the
14	right documents for the charters.
15	MR. KUCHARSKI: Are you aware the vessels
16	send in their log book pages on a monthly basis?
17	MR. LAWRENCE: In TOTE Services?
18	MR. KUCHARSKI: Yes.
19	MR. LAWRENCE: No.
20	MR. KUCHARSKI: Okay. So it's safe to say
21	that you don't review those?
22	MR. LAWRENCE: Correct.
23	MR. KUCHARSKI: Stop there. Any questions?
24	MR. Coast Guard.
25	Could you elaborate on why you don't utilize a Port

Captain within your organization?

MR. LAWRENCE: No I can't. It's just the -you know, I basically came into the company and this is
the organizational setup they have. Where they have
Port Engineers, apparent to me the Port Engineers do
more of the combination of the jobs that the Port
Captains and Port Engineers would do in other companies
I've seen.

MR. So a follow up would be, who is required to provide oversight for operational safety onboard the vessels?

MR. LAWRENCE: The Master. I mean, realistically, as far as following our procedures, our safety procedures we have within our management system, it's the Master's ultimate responsibility of the safety of the vessel.

MR. Okay. So who would provide oversight for the fleet of vessels? To provide comparisons in the way they do that and so forth.

MR. LAWRENCE: Well for safety purpose, again as I have oversight on the safety management system and the ISM system, our manuals provide that oversight. We send out various memos from time to time for our safety programs, statistics, our safety statistics. But a lot of issues to do and to improve

our safety culture as we go along. 1 So that would typically be mostly on my 2 plate. But it can also be our Directors of Ship 3 Management, it can be our Port Engineers. It's what I 4 5 consider a team effort. I've always said that nobody is directly the only person in charge, we're all part 6 7 of safety in the company. 8 MR. KUCHARSKI: This is Mike Kucharski. 9 We're going to cover the safety management system in 10 specificity. But right now, broad questions. 11 MR. SHEPHERD: Yes, I have a broad question. Al Shepherd, American Bureau of Shipping. 12 John, you mentioned you did DPA amongst a variety of other 13 14 things, a lot of things, a lot on your plate. Is there an Assistant DPA? 15 16 MR. LAWRENCE: Basically Lee Peterson is my Assistant DPA if I'm on vacation and the few times that 17 18 we've assigned an assistant at the time. 19 MR. SHEPHERD: And is that record in some 20 way? Either in memos that go out to the ships or 21 something? 22 Typically an email. MR. LAWRENCE: 23 send an away email and it will say contact Lee Peterson 24 if you --25 MR. SHEPHERD: Okay. So it's situational?

1	When you know you're going to be away, you'll send an
2	email?
3	MR. LAWRENCE: Correct.
4	MR. SHEPHERD: So other than when you're
5	gone, you're the DPA?
6	MR. LAWRENCE: Correct.
7	MR. SHEPHERD: When you go out of town or
8	when you're away, then you send an email?
9	MR. LAWRENCE: It depends on the situation.
10	If I'm still on business, I still have my phone which
11	has the same number that's posted on the ships. So I
12	basically feel I'm still on call unless I'm going
13	someplace where I'm out of reach or out of contact or I
14	don't want to be contacted.
15	MR. SHEPHERD: Thank you.
16	LCDR U.S. Coast Guard. As
17	DPA, you stated that you report to Lee?
18	MR. LAWRENCE: Yes, sir.
19	LCDR Do you have access to all levels
20	of management throughout the company as a DPA?
21	MR. LAWRENCE: Yes, sir.
22	LCDR Or anybody that you could
23	contact if you had an issue?
24	MR. LAWRENCE: Yes, sir.
25	LCDR All the way to the top?

MR. LAWRENCE: Yes, sir. 1 2 All right. Thank you. MR. O'DONNELL: One quick question. 3 Lou O'Donnell with ABS. You mentioned there's three 4 5 qualified individuals at TOTE. Who are the other two qualified individuals besides yourself John? 6 7 MR. LAWRENCE: The two Vice Presidents, 8 Mitch Walker who is Vice President of the government vessels and Phil Morrell who is Vice President on the 9 10 commercial side. 11 MR. O'DONNELL: Thank you. MR. LAWRENCE: And I should say too, is we 12 also have listed Gallagher Marine Services who is in 13 our plan as well as an alternate QI. So the first call 14 would come to one of us three typically. And if they 15 16 can't reach us, then they go to Gallagher Marine. MR. O'DONNELL: Thank you. 17 18 MR. LAWRENCE: And if we had a big issue, we 19 engage them right away anyway. 20 MR. O'DONNELL: No further questions. 21 MS. BELL: Carrie Bell, NTSB. So when you 22 have these -- you have other people that are qualified individuals. When you are going to go off duty, do you 23 do any kind of drills or anything like that so that 24 25 other people know what the procedures are going to be

when you're gone?

MR. LAWRENCE: The procedures for what?

MS. BELL: For who answers the call and what the process is from there, who they report to.

MR. LAWRENCE: Yes. Well they call, the ship's may call our call center number and ask for a QI. That's one of the first questions that the call center person will ask them. Is this an emergency or do you want a QI? And if it's not one of those, then they go into some other questions about personnel. You know, who else do you need to contact in the company?

So QI is a choice and the call center will go right down the list, starting with me, of the three QIs. And then to Gallagher Marine if they can't reach us right away. Also, it's in all our manuals. It's in all of our plans, the QIs in our vessel response plans are all listed there with our main and alternate numbers.

And the vessels have to do a quarterly drill where they do a quarterly -- it's required for our vessel response plan to do a quarterly QI drill where they have to contact by voice a QI. So I may get that call right away. If I'm not available, a lot of times they'll actually call Gallagher and get through to them or one of the other, Mitch Walker or Phil Morrell. So

that's a quarterly requirement of our plans. 1 MS. BELL: So are those scheduled so you 2 3 know when they're going to call you? MR. LAWRENCE: No. They call just, they 4 5 have to make a quarterly call. And they'll just pick up the phone and have to establish contact with a QI. 6 7 MS. BELL: And from there, the QI, the 8 response process, is that also --MR. LAWRENCE: For the drill? 9 10 MS. BELL: Yes. 11 MR. LAWRENCE: Well we have, in our manual is a set of, I think three or four questions where if 12 they call me, a QI, I'll say okay Captain, you got me. 13 And you know, what's your call sign? What's your 14 location? What's your ETA, next port? I'm not sure if 15 it's the location but it's your call sign, what's your 16 17 ETA, next port. 18 And I'll tell them to please to log it in 19 the specific area you're supposed to log these QI 20 drills and ensure you put it in there. We don't log it 21 I don't log it that I got the call. 22 not allowed to be done by email, it has to be done by 23 voice. Okay. Maybe if we can go 24 MR. KUCHARSKI: 25 on, we're going to cover drills and specific questions

as to tabletop type exercises you do. And then we're going to drill down on those. But just briefly, would you tell us what you're talking about, you said Gallagher. Was it O'Brien or Gallagher? What is that basically?

MR. LAWRENCE: Right. And as you said, O'Brien's too. They're the two main companies I know out there as far as vessel response or spill response coordinator teams. And that's what they do for a living. If we need, they have access to all of our information and our plans.

We actually use them for our vessel response plan as far as any changes that are needed. We have them submit it to the Coast Guard for approvals. So they are looking at our plans all the time. As far as any regulatory changes that need to be made, they inform us. Any regulatory issues that come up that they feel the company needs to be aware of, that I need to be aware of as QI, they'll notify me.

And typically anything they need to do to send out to the vessels to update the plans, they'll go through me as well. But they have a full team. They have QIs 24/7 on call so you can call. Gallagher is our choice for the companies we have. And they'll respond to any type, any size spill U.S. or any type of

incident. As in this incident here, I called them in just for an incident command system setup that they're familiar with.

So they not only respond to oil spills, they also respond to any type of casualties or emergencies as well where you may need their resources. I'm a firm believer of, you get to a larger situation, you go to the experts that do it for a living.

MS. BELL: I have one more question regarding the drills. You said you do the quarterly drills. Do you ever look at how effectively those are or the effectiveness, the timeliness of the response? Both from the contractor who answers the phone call and on through the process. Do you time it? Do you see if there's anything you need to go back and improve upon?

MR. KUCHARSKI: If I can just -- hold on. You know, specific questions on the drills please, I have questions to ask too, you know, specific ones on that. I'd just like to get an overview, you know, of what his day to day duties are and everything. If I can bring it back into that and then -- because there are other drill questions I'd like to go into.

As part of your day to day duties, do you also oversee training on the vessels?

MR. LAWRENCE: Partly. I mean again, as far

as the safety management system goes, we monitor the 1 2 training that is required per our management system manuals that we have the vessels do. And again, that 3 was mostly established before I was there. 4 5 So on a quarterly basis, the vessels send us in reports of, that they've accomplished certain 6 7 training that is various requirements, either the 8 regulatory requirements or company requirements. 9 then they're all spelled out within our manuals. 10 Let me just stop on MR. KUCHARSKI: 11 training. Broad questions on training? Okay. may, let's look at the SMS system now because you 12 mentioned that you had the direct oversight of that, 13 the SMS system, the safety management system. You also 14 mentioned that some of that was auditing. 15 16 MR. LAWRENCE: Correct. MR. KUCHARSKI: Okay. Did you perform any 17 18 audits on the El Faro? 19 MR. LAWRENCE: Yes I did. 20 MR. KUCHARSKI: Tell us about the audit. 21 What did you actually do and how many days did it take? 22 MR. LAWRENCE: It took basically one day 23 audit, internal audit we did. And I did it by myself. 24 Sometimes we'll have a team of auditors depending on 25 availability of people. Just recently, I sent an extra

auditor just on availability for training purposes, to have an auditor that hasn't done many trainings to go with a lead auditor.

This audit here I did by myself. I recollect it was in March of this year. Again, audits vary. An audit is a sampling of the various aspects of your safety management system. So each audit may be a little bit different that I conduct. There were some specific guidelines from my predecessor that they would do.

I somewhat followed that he had in place.

But again, I designed it more just on my past

experiences of auditing and certain questions I may

want to ask. The report is fairly generic in the end

depending on the findings you may have.

Just like the ABS audits for vessels that they do, they'll just spell out why did this. You know, it was an ISM system, et cetera. On the El Faro, it was, I think less than two pages long because I didn't have any actual findings. I just had some observations. I haven't actually gone back to look at that this past week but I can provide that to you if you don't already have that audit.

And what I do is I, initially we have an opening meeting, sit down with who is available on the

ship. Always with the Captain and the Chief Mate and the Chief Engineer at the minimum and see what their schedule is. So typically, on the El Faro I was in for a full day in Long Island.

So I'd go in there, I went on there and I sat down with -- again, I can't recollect exactly that audit, who I did sit down with. I know it was the Captain and I know I talked to, you know, the Chief Mate and the Second Mate and the Chief Engineer. It would be in the audit who else I may have spoken with.

What we do is set up a schedule. Part of the audit I'll go through documentation, go through a number of the vessel's files to ensure that they've received the files that they should be keeping up and any memos or any communications that we've sent to them that they're required to keep in a certain binder.

Then I'll discuss any recent issues, regulatory issues, anything that I feel is something that they should be aware about and see if they know it. But I'll go through the manual. I'll pick specific questions out of the manual. And I may base it on some past communication with the vessel that I think that, or with the fleet, that I feel that's needed to be reinforced.

I think the big questions I always go

through, fairly standard is all about our manuals, the ISM system. You know, why we have it, what it's meant for and all the specifics of, you know -- the system on the El Faro actually was SQE as our manual is Safety, Quality, and Environment.

So we go beyond just the ISM system, certification with ABS. We also have added various standards into our manuals, additional standards that cover quality and environment as per the ABS guides. So we're auditing against all that, not just the safety, the ISM side. We're doing the Q and the E as well.

So like I said, I'll make up specific questions for that. Sometimes it will be more formal than others. So go through that and then I'll try to have a meeting with the overall crew, whoever is available at that time. And you know, we'll schedule that meeting through the Captain, say I want to meet with all the crew that's available and that you can spare right now.

It may be anywhere from a handful to larger depending on the vessel and what their operations are going on at the time. And I'll go through what I call my speel, my ISM and SQE speel and I'll talk a lot about the specific ship, that specific ship's safety

record. Any past incidents that they've had, you know, safety or accidents, environmental issues.

I'll talk about the overall fleet, you know, as far as our safety culture and what we're trying to accomplish there. Again, any recent initiatives we may have had or talked about. So it's just more of a general conversation I'll have with them on a safety culture basis.

And then I'll go into specifics when I have the whole crew there. What I'll do is, I take that opportunity when I have them all there and starting to ask some of the more specific questions of your system that I would ask if I had individual interviews, which typically in one day, you may not have the time to do that.

So I'll devise a bunch of questions as far as, you know, permitting systems, hot work permitting on various -- what I consider two of the most effective safety programs, our job hazard analysis program, our near miss reporting program. I'll emphasize that and always tell them, hey I want you to send me more near misses. You know, I need you to participate in this.

I'll quiz them on it. I'll say who knows what job hazard analysis is. So I'll do a lot of discussing with them on our management system. So that

will be part of my audit and that will give me a feeling of whether they're really aware of what they should be aware of. And then I'll ask to them too, you know, where to find the management system. What's your access to it?

I always ask them about the designated person. You know, do you know what the designated person is? Do you know what I do? And then I'll go into explanation of all these things in case somebody is not telling me they really don't know what it's for.

Then I'll typically take -- I'll get together with the Chief Engineer or First Engineer depending who is available. And we'll have a deck walk around and the engine room walk around just to look at the overall condition of the ship. And I'll also usually incorporate a security audit at the time too.

We try to do a security audit at the same time we do the safety management system. Seeing I'm the company's Security Officer, I'm the one doing it.

I'll get together with the Second Mate who typically on that vessel is the Security Officer, called the Chief Mate on some vessels.

And I'll take that opportunity to quiz him on the overall safety management system a little depending on where he is. And then I'll get into the,

strictly into the security audit for, you know, a time period, an hour or so, hour to two hours depending on how long it takes to get into specific questions I have for that. That usually goes fairly quick.

MR. KUCHARSKI: So how long --

MR. LAWRENCE: It's typically the full time that they're in port, less than a full day obviously. But you know, five, six hours.

MR. KUCHARSKI: So five, six hours of -- let me get this straight. You go through documents, you get meetings with the different crew members, the engineers separately. You'll have the Chief Security Officer or the ship's Security Officer. You spot check -- do you spot check to ensure that they're doing what's in the SMS system? And how do you spot check?

MR. LAWRENCE: What I tell them too is a lot of the spot checking of documentation is really done before we leave the office. We'll do that because they've seen that they submit all of their logs, the training logs, their indoctrination logs. They submit a quarterly report to us that they've reviewed the safety management system and their ISM and who is supposed to review it. They sign off on that.

So there's a lot of, in this company -- again, every company is a little different. But in

this company here, they have a lot of paper documentation that comes into the office on a quarterly and sometimes monthly basis. So we have that and we go through that in the office in various lengths I guess, you know, how deep we get into various.

Some of it we're just checking to see that they have the signatures and we'll file it. Others like the safety meeting minutes, those we'll read and see if there's any issues that we need to bother. So a lot of things that you would typically do on a third party audit we do.

We're looking at it all the time in the office so we don't feel we don't need to do that again during that one day audit.

MR. KUCHARSKI: So would you say it's essentially a paper exercise if you're looking at documents?

MR. LAWRENCE: No.

MR. KUCHARSKI: And you say you're auditing against -- what do you physically go and see and look and see that they're doing?

MR. LAWRENCE: It's a paper exercise in the office side. Yes. It's a short paper exercise, more going into their certificate file and just kind of checking if it has everything it's supposed to have.

And it's mostly the discussion, the questioning.

That's what the audit process is, is getting
-- again, I spot certain, spot checking of certain
items that give me that they're aware, they know our
system and that they're following our system.

MR. KUCHARSKI: So when you go out on an audit, do you ever audit them as part of the procedure to see how the bridge team operates?

MR. LAWRENCE: I haven't in my last few audits. But it has been done in the past. I know, just reading past audits, my predecessor he would, you know, get into detail. Once again, I think every auditor has their own, you know, process of what they're looking at. And every audit is a little bit different.

Like I said, to me it's a spot check. So
the few audits that I've done with the company, I'll
gear it towards a certain area that I'm familiar with.

I've hired third party auditors quite a bit this past
year for our different vessels. And you can see by
their audits, they have different focuses too.

But at the end of the day, at least in my opinion and training, the audit is a sampling of the system to give you that knowledge and feeling that they're doing things properly and with the new system.

And you'll find, you may have certain findings that need corrective actions. And typically you come out with a good number of observations.

Again, in my own opinion of auditing, I've many times say that one man's observations is another man's finding. You know, so it depends on the auditor.

A finding will typically entail a lot more paperwork and follow up on something that may not be as important as long as you're looking at the observations as well.

So again, it varies from auditor to auditor. Each one has his own style.

MR. KUCHARSKI: Before I open it up to the group, just one question. You mentioned about internal auditors or -- I'm sorry, third party auditors.

Specifically on El Faro, did you use third party auditors and what did they do?

MR. LAWRENCE: Not while I've been here, no.

And then the other reason being is because they're so
accessible to us because they're right here in

Jacksonville. You know, so I would typically use a
third party auditor that I knew was coming into a port
that was not quite as accessible to us, that we'd have
to travel to and I know I may have somebody closer by
that may be able to do that just for time purposes.

MR. KUCHARSKI: So I lied. You're always in

port? Are any of them underway? 1 MR. LAWRENCE: With this company, I think 2 Well we did have on one of our government vessels 3 yes. that was underway last year. So it depends on the 4 5 situation. Typically, they're scheduled to be in port. MR. KUCHARSKI: Let's bring it back to El 6 7 Faro. 8 MR. LAWRENCE: In port. 9 MR. KUCHARSKI: In port? 10 MR. LAWRENCE: Correct. 11 MR. KUCHARSKI: Questions? MR. YOUNG: Brian Young with the NTSB. 12 13 Since you've been the DP, how many internal audits have 14 you conducted for the El Faro? MR. LAWRENCE: Oh for the El Faro? 15 Just 16 one. MR. YOUNG: Just one. And external audits? 17 18 MR. LAWRENCE: I'd have to look at our 19 I mean, the external audits are required at records. 20 two to three years. You know, basically you have your 21 certificate from the ABS if, they're a regulatory 22 authority. The certificate is good for five years, 23 safety management certificate. And within the second 24 to third anniversary date of that certificate, you have to have another external ABS audit. 25

I know the El Faro has had at least one.

I'd have to take a look in our files to see, you know,

to get it to you if you'd want it.

MR. YOUNG: Okay. And then that one internal audit that was conducted, was that by yourself?

MR. LAWRENCE: That was by myself. I'd have to look. As I said, I did that in March of this year so there was one done last year. I'd have to take a look and see who did that one.

MR. YOUNG: No questions.

MS. BELL: Carrie Bell, NTSB. You mentioned briefly a job analysis. Can you go in a little more detail about what that covers?

MR. LAWRENCE: Job hazard analysis is a risk assessment that's done prior to every job that's done on the ship as a way that's in our manuals. It can be verbal for a small job to as much as a formal written job hazard analysis. And what it is, is the people that are involved with that, prior to doing the job you look at the task you're going to be doing and who's involved in the task.

And you look at all the different aspects of that task and how you're going to do it. Then you look at, what are the risks of each one of those aspects of

the task? And then you decide on how you're going to mitigate those risks and how are you going -- the words I put when I'm doing training is you look at the job, see how can it bite you? And then you make sure it doesn't bite you and figure out how you're going to do that.

Like I said, some of them are more formal. If it's a high risk that you've never done before, then we require it to be in writing. If it's something that's more of a routine type task and you have a few people doing it, then we require them to do it almost more like a toolbox type meeting prior to going out there and doing the job. More of a safety discussion and then decide how to do it.

But you're looking at your available tools, do you have enough people? You know, we give guidance on all that for the job hazard analysis, what to look for.

MS. BELL: So can you give an example of one that's not that big of a deal and one that you do a formal analysis on?

MR. LAWRENCE: Let's see, docking and undocking the vessel is something that you're doing, you know, consistently all the time. You know, you're using the same people as, you go into the same ports.

That would be typically would be one I would expect them to do a verbal job hazard analysis where they get together prior to going out on deck and discuss the job, how are we going to do this.

You know, is there anything that's different from normal today? Is there anything that could possibly put anybody in harm's way? And if there is, then how are we going to address this?

Wersus going out and just doing general maintenance in the morning. You may have two or three different jobs you're going to do. And it may just be one person going out to do some shipping. But he should still basically talk, you know, within himself just think about the job before he's going to do it. And that's a verbal job hazard analysis.

If it's something you're going to maintenance, pulling a piston on your engines. Not on the El Faro, but on another ship, a diesel ship.

That's something that's different and you may even have outside contractors assisting you. Then the expectation is that you'll get together and you'll do more of a formal job hazard analysis and put it in writing, attach it to the overall work you're doing.

And that's the first thing I'll ask if we have an incident of any type, any accident. When the

report comes in to the investigation, the first thing
I'll ask is, did you do a job hazard analysis? No
matter how large or how small the incident is, just
trying to get that awareness and that culture out there
to make sure people are doing this.

MS. BELL: How many of those do you do typically in a year? The formal --

MR. LAWRENCE: And they don't have to send them into the company. So that would be more of an auditing process. So when I do the audit, that's when I say if you look at documentation, you look into their job hazard analysis file to see what they've been doing and what they've done.

You know, sometimes ships will just voluntarily send things in. Or if it's -- I guess I'm jumping to another section really. But say for hot work, we require hot work permits based on a matrix of what type of work is being done. And that may also encourage job hazard analysis as well. That's a situation where they would send it in to us to take a look at.

MS. BELL: So you don't actually perform that analysis? The company that's doing the work performs the analysis.

MR. LAWRENCE: No.

MS. BELL: And you review it? 1 No. Well the company is the 2 MR. LAWRENCE: The people onboard the ship do the job hazard 3 ship. analysis. We don't review it in the office. It's all 4 done on the vessel unless we're using subcontractors as 5 well to work. Say it's an engine repair, then again, 6 7 it's up to the vessel to ensure that -- the contractors 8 may have their own job hazard analysis, if it's a good 9 contractors and they can use that too. But it's up to 10 the vessel to ensure that is being done. 11 MS. BELL: So you may never see those analyses? 12 13 Unfortunately, I'll MR. LAWRENCE: Correct. 14 see them if there's an incident or an accident. about the only time I would see them unless I request 15 16 them. MS. BELL: When would you request something 17 18 like that? 19 MR. LAWRENCE: I don't. 20 MS. BELL: Okay. 21 MR. LAWRENCE: But I can. 22 MS. BELL: Okay. Thank you. 23 Coast Guard. Have you conducted an internal audit for adverse 24 25 weather operations for any of your ships?

1	MR. LAWRENCE: No.
2	MR. And then you said you have a
3	job safety analysis for something as simple as
4	chipping. How about for what process would you do to
5	identify risks associated with the commencement of any
6	voyage?
7	MR. LAWRENCE: Well, the captain has his,
8	you know, they do their bridge plan before they leave,
9	their voyage plan. And again that's has nothing to do
10	with I don't get involved in that. I shouldn't say
11	it has nothing to do with me. We're all in this
12	together, the safety. But that's something I don't
13	review or get involved in. That's again, strictly on
14	the vessel as far as voyage planning.
15	MR. Does anybody review that from
16	shipboard operations?
17	MR. LAWRENCE: Not that I'm aware of.
18	MR. Thank you.
19	MR. LAWRENCE: Hey, and if I can back that
20	up one too, is when I just mentioned that on every
21	departure message that the captains do send a departure
22	message and arrival messages and daily, you know,
23	position reports.
24	On their departure message, they do put a
25	one line on the bottom of that saying that they have

1	basically done a voyage plan and reviewed their plans,
2	so. And I have to look at it for the specific wording,
3	but it is something to that extent that they've said
4	they've done what they're supposed to do prior to
5	sailing.
6	MR. STITH: Kevin Stith, TOTE Services. Are
7	the passage plans and the voyage plans in port and
8	underway typically reviewed during the internal audit?
9	MR. LAWRENCE: Sometimes they are.
10	MR. STITH: Okay.
11	MR. LAWRENCE: Yes. Again, it's a sampling.
12	So I don't review them every time I go on
13	MR. STITH: Okay.
14	MR. LAWRENCE: board. But some other
15	people I had seen have in their report.
16	MR. STITH: But does TOTE have a form or a
17	checklist for passage planning and in routing?
18	MR. LAWRENCE: I believe we do and I'd have
19	to refer to the manuals to see exactly, you know, how
20	extensive it is and what it is.
21	MR. STITH: Okay. Thank you.
22	MR. LAWRENCE: Yes.
23	MS. BELL: Carrie Bell, NTSB. If there is a
24	change to the voyage plan, who authorizes that change?
25	MR. LAWRENCE: To my knowledge, I don't get

involved in it. So I am not sure if there's anybody shore side that gets involved in it. But, again, it'll be up to the captain that has the final say on that as far as I know.

MS. BELL: The reason I'm asking that question, just for some background, is because in our previous interview with Mr. Anderson, he said that the captain had emailed you to get authorization and take a different route on the return trip.

MR. LAWRENCE: Yes.

MS. BELL: And so he was asking for your authorization?

MR. LAWRENCE: Correct. I was surprised because I've only seen two of those, you know, requests directly to me that I can recall and they were both from that captain.

And I should say that was the first request
I think I had from him for weather routing. And
because of this incident I had gone back into emails
and I saw that he had informed me of the weather
situations for a previous hurricane earlier this year.

So to me I saw it and I thought it was more informative. But then he did ask the question and I was surprised he asked a question to me because I don't know who -- yes, I looked at and said, gee, I wonder

why he sent this to me because does anybody else in operations typically give him permission for that, which I had not seen in the past. And so that's why I didn't answer him.

Actually, I was traveling and it was like 9:30 at night when I got home. I was, I think, en route I was looking at that and saw that Jim Fisker-Andersen had answered him because Jim Fisker had been a copy there, so he gave him permission.

Basically, I was going to take a look at it further to see, you know, to kind of dig into a little bit deeper to see why he was requesting that. But again, it was on the return trip.

I mean, and said in all honesty when I saw that I felt that, gee, the captain's really on top of this storm. You know, I said he's got his plans down here. He told me everything he's been looking at and he seemed very comfortable with his plans. All he was asking was permission to do something differently and safer on the return trip.

Because in this email he identified that he felt that he may be running into a little problems if he went the normal route from that same storm on the return trip. But didn't seem to be concerned at all of his plans on that trip. So that's, again, why it

1	didn't appear to be any urgency when I read that.
2	MS. BELL: Thank you.
3	MR. LAWRENCE: Yeah.
4	MR. KUCHARSKI: Do you have questions?
5	MR. SHEPHERD: Yes, please. Al Shepherd,
6	ABS.
7	MR. LAWRENCE: Yes, sir.
8	MR. SHEPHERD: Did you say when you go on
9	board to do internal audits you, roughly five to six
10	hours with the audits?
11	MR. LAWRENCE: I'd say roughly, depending
12	how long the ship's in port. You know, obviously, we
13	have to go by their schedule.
14	MR. SHEPHERD: Sure, that's fine.
15	MR. LAWRENCE: Yes.
16	MR. SHEPHERD: We have to do the same.
17	MR. LAWRENCE: Yes.
18	MR. SHEPHERD: When you audit, do you audit
19	all the elements of the code? Because you're talking
20	about SMS audits, right?
21	MR. LAWRENCE: Right.
22	MR. SHEPHERD: So I assume codes. So you're
23	doing all of the elements of the code? I know you're
24	doing the sampling process.
25	MR. LAWRENCE: Right.

1	MR. SHEPHERD: But are you sampling all the
2	elements of the code?
3	MR. LAWRENCE: I'd have to actually take a
4	look at the audits that I've done and refer them to
5	make sure I hit all the elements, so I couldn't say
6	definitely.
7	MR. SHEPHERD: And you said you also do
8	security audits, meaning ISPS audits?
9	MR. LAWRENCE: Correct.
10	MR. SHEPHERD: Okay. And same, when you do
11	the internal security audits, are you also auditing all
12	the elements?
13	MR. LAWRENCE: Again, a sampling and, you
14	know, looking at all the elements of a security plan
15	saying I'm the one that's invites them or submits them
16	to the coast guard. So I'm familiar with all the
17	different elements. And so it is a sampling.
18	MR. SHEPHERD: Thank you, John. Okay.
19	Internal auditors, do you have a list qualified or the
20	internal persons you use as internal auditors?
21	MR. LAWRENCE: We have a small office staff,
22	so I know who they are, yes. But so I don't have them
23	actually listed on a list.
24	MR. SHEPHERD: Okay. And who are they
25	please?

MR. LAWRENCE: But it's usually, well, it's 1 2 myself --MR. SHEPHERD: Yes. 3 MR. LAWRENCE: -- Patty Finsterbusch, who is 4 5 my assistant, Mitch Walker who is the vice president of operations. He hasn't done while I've been here, but I 6 7 know he's done some in the past. Eunice Cadorette 8 Young, she's done a number of them. 9 MR. SHEPHERD: She's a port captain? 10 MR. LAWRENCE: She's a port captain for the 11 She's done a number of them. I think Patrick Sullivan, who is one of our -- I'm not sure what his 12 title is. 13 MALE PARTICIPANT 2: Port engineer. 14 Port engineer for the 15 MR. LAWRENCE: 16 government ships and for the SBX and they wheel some of our government ships. He's done some internal audit 17 18 for me. And that's the one, actually, where I said 19 he's riding the vessel for a number of other purposes 20 as well. So he'll conduct an internal audit that will 21 typically be more extensive than the one day ones. 22 Who else do we have doing internal audits? 23 I think that's it. We were in the process of training. That was one of our initiatives that we identified is 24

that we need more internal auditors from the company.

1	But that's why I started to farm some of them out.
2	MR. SHEPHERD: Okay. When you do your
3	internal audits and you have kind of a compressed
4	timeframe, would you sometimes use more than one
5	auditor?
6	MR. LAWRENCE: Yes.
7	MR. SHEPHERD: But in this last audit in
8	March
9	MR. LAWRENCE: The one I
10	MR. SHEPHERD: was one audit?
11	MR. LAWRENCE: No. Yes. And it
12	realistically depends on availability at the time and
13	when we need to get the audit accomplished depending on
14	the ships schedule.
15	MR. SHEPHERD: Okay. I'm going to bounce
16	around just a little bit, please. You mentioned about
17	a Safety Management System quarterly review.
18	MR. LAWRENCE: Right.
19	MR. SHEPHERD: So if I understood you
20	correctly, if I'm wrong
21	MR. LAWRENCE: No, that's correct.
22	MR. SHEPHERD: if I misspoke.
23	MR. LAWRENCE: ISM quarterly review
24	MR. SHEPHERD: All right.
25	MR. LAWRENCE: sheet.

MR. SHEPHERD: So is that where the ship's 1 2 master reviews the Safety Management System on board the ship? 3 MR. LAWRENCE: There's also a separate 4 5 master's review that he --6 MR. SHEPHERD: Okay. 7 MR. LAWRENCE: -- has to do twice a year, so 8 MR. SHEPHERD: 9 Good. 10 MR. LAWRENCE: -- that he sends in 11 separately. But this ISM quarter review is just all the various elements of the various manuals we have --12 MR. SHEPHERD: Right. 13 MR. LAWRENCE: -- on board that they should 14 And the two main ones are operations manual 15 16 for the vessels and the emergency preparedness manuals for the vessels. 17 18 And again, I'd have to refer to that actual 19 It's more of a matrix and it has listed all the 20 different areas we want to make sure that they 21 reviewed. And then it has that compared to the 22 different positions on the vessel they should be reviewing, specific manuals. And they're supposed to 23 initial it that they've reviewed it at some point 24 25 during that quarter.

MR. SHEPHERD: Okay. 1 2 MR. LAWRENCE: And then they send that. It's just a one-page review sheet. And I send a memo 3 out quarterly to the vessels prior to that. And it's a 4 5 one page instruction memo listing why we do this, what you need to, you know, look in the ISM. 6 7 And again, I'd have to refer to that to see 8 specifically if we talk about the master's review in 9 that sheet or not. But that's something I send out to 10 the entire fleet every quarter. 11 MR. SHEPHERD: Okay. So is that quarterly 12 review of the OMB and the EPMV and then there's a semi-13 annual master's review? 14 MR. LAWRENCE: Yes, to the best of my recollection. I said I have to look exactly how it's 15 worded, but that's, well, typically what they're doing. 16 MR. SHEPHERD: Thank you, John. 17 How often 18 do you do the internal audits? 19 MR. LAWRENCE: Annually. 20 MR. SHEPHERD: All right. Okay. 21 MR. LAWRENCE: And, you know, like annually 22 unless it's required more than once if we see a need, 23 you know, that we need to get back there. If we feel that there's some issues on board, then we may do it 24

more than once.

I have not more than once since I've been at 1 2 the company except for on our vessels that go foreign, port state control has --3 MR. SHEPHERD: Yes. 4 5 MR. LAWRENCE: -- found some issues and they've -- and I think the way I've just started with 6 7 them since the beginning of this year as far as vessels 8 going foreign again. And it seems like the port state 9 folks there say everything's ISM related if they find 10 anything on board. So we'll circle that. And they've 11 instructed us to do a couple of additional internal audits within a certain period of time of their 12 13 inspection. MR. SHEPHERD: Okay. Good. Thank you. 14 Α couple more things, please. So for notifications, have 15 16 you received notifications as DPA? MR. LAWRENCE: Yes, I have. 17 18 MR. SHEPHERD: Any --19 MR. LAWRENCE: I mean, I can recall a 20 couple, but I'd said most of them are typically I'm 21 being harassed or I'm not getting enough overtime. have issues. So in my, you know, brute honesty again, 22 23 I typically get a little smile on my face and I walked over to HR department and say, hey, I've got an issue 24 25 you can look at now thing.

1	MR. SHEPHERD: Okay.
2	MR. LAWRENCE: So it's just not something I
3	have to deal with luckily.
4	MR. SHEPHERD: Anything stands out in your
5	mind about the El Faro, say, within the last year?
6	Well, I'll say the last 14 months, did
7	MR. LAWRENCE: We did have an issue that
8	was, to me, a kind of combination DP and HR. I think
9	it was, if I recall correctly, it was in July on the El
10	Faro, where what I consider a disgruntled crew member.
11	I only say that because he was fired
12	previous to him calling me and sending me text messages
13	of pictures of a vessels officers apparently asleep and
14	it was apparently on the bridge of the ship of the El
15	Faro.
16	MR. SHEPHERD: And if anybody minds me
17	asking this question, stop me. Was that the chief
18	mate?
19	MR. LAWRENCE: Yes.
20	MR. SHEPHERD: Okay. Okay. Just a little
21	bit of job hazard analysis. You mentioned before about
22	the contractors.
23	MR. LAWRENCE: Correct.
24	MR. SHEPHERD: And you said something to the
25	effect, and please feel free to correct me, you said

something to the effect that we have a contractor who 1 2 has a good program in place. You said on the ship's 3 program they can maybe use their own. MR. LAWRENCE: Correct. And, again, I'd 4 5 have to refer to the exact wording in the manual, but 6 that's my understanding and that's the way I would like 7 it to be done. 8 MR. SHEPHERD: Right. I'm not questioning 9 if it's right or wrong. I'm just --10 MR. LAWRENCE: Yes. No, that's --11 MR. SHEPHERD: I just wanted to --MR. LAWRENCE: I know we have it in the 12 contracts, the exact wording of how it's worded in 13 these manuals. And just to kind of reiterate, too, 14 I've dealt with many companies and many Safety 15 16 Management Systems. So once in a while one runs into another as far what it says on the specific one. 17 18 again, I can get you that information exactly if you 19 need it. 20 MR. SHEPHERD: How about these specific 21 contracts you have on board, Imtec, right? Am I saying that right? With Imtec, the five Polish gentlemen when 22 23 they were --24 MR. LAWRENCE: Okay. -- on board. 25 MR. SHEPHERD: How was that

being dealt with as far as --1 MR. LAWRENCE: I have no idea to be honest 2 with you. I said I don't get involved in contractors 3 going on board the vessel. 4 5 MR. SHEPHERD: Okay. MR. LAWRENCE: I said I'm not on that 6 7 operational side and engineering side. I wasn't aware 8 there were any contractors on the vessel. 9 typically I am not unless there's a major repair or 10 issue going on that I should be aware of or if I feel 11 that could pose a threat or danger to the ship. wasn't aware of it until we got the casualty. 12 13 MR. SHEPHERD: So where would that decision 14 be made whether it was allowable to use the contractors 15 system? A --MR. LAWRENCE: It should be --16 MR. SHEPHERD: -- job safety analysis or 17 18 MR. LAWRENCE: It --19 MR. SHEPHERD: -- do you use a --20 MR. LAWRENCE: On their supervisor on the 21 vessel and in this instance I would assume the chief 22 engineer was their supervisor. 23 MR. SHEPHERD: Right. 24 MR. LAWRENCE: Again, I'm not sure. 25 MR. SHEPHERD: So it's at the deck plate

1	then?
2	MR. LAWRENCE: Correct. Correct.
3	MR. SHEPHERD: I have a question about risk
4	assessment. And if you plan on going to that later, I
5	can stand down.
6	MR. KUCHARSKI: Well, it's related to job
7	hazard analysis with success, no?
8	MR. SHEPHERD: It's broader, but I you
9	know. Let's talk a little bit about risk assessment.
10	Has TOTE done a risk assessment?
11	MR. LAWRENCE: For what purpose? In the
12	general terms? I mean, like we said, our
13	MR. SHEPHERD: Identifying
14	MR. LAWRENCE: main
15	MR. SHEPHERD: risk. You know,
16	identifying risk, assessing the risk, grading them as
17	far as what
18	MR. LAWRENCE: We
19	MR. SHEPHERD: should be put in place
20	where different jobs are being done?
21	MR. LAWRENCE: Well, that's
22	MR. SHEPHERD: Well, not just jobs, but
23	activities.
24	MR. LAWRENCE: Right. Well, this
25	MR. SHEPHERD: Could be vessel activities,

any kind of activities.

MR. LAWRENCE: Well, again, the job hazard analysis is the major on-board deck plate tool that they use for that. And we would use it for something, you know, same type of format if there's something new to address.

We do have the environmental program which we do have a assessment of the risks of the vessel and whether or not it's environmentally related or other related, we come out at that point there. But you have to, you know, it's an exercise to get our environmental management certificate, the E part there.

And then what we do is we basically look at all the aspects of the vessels operations and look at the impacts it may have on the environment and also on safety and quality at the time. But it's mostly set for that environmental program is what you're trying to find targets for.

And then you look at, you know, what those impacts are and then you look at how you can address those impacts and just come up with some programs or targets to eliminate any negative impacts.

MR. SHEPHERD: Okay. So has there been a risk assessment done for the whole --

MR. LAWRENCE: There has been and again, I

1	call it the environmental risk assessment. And that
2	was done initially, you know, prior to my coming to the
3	company, but we look at that again on a, at least, an
4	annual basis, hopefully twice a year.
5	MR. SHEPHERD: Okay. So that's
6	environmental, but I'm talking about the safety
7	MR. LAWRENCE: Overall.
8	MR. SHEPHERD: aspect. Right.
9	MR. LAWRENCE: Not a
10	MR. SHEPHERD: Do you know what vessel
11	MR. LAWRENCE: I don't have any knowledge of
12	any formal assessment that I've seen.
13	MR. SHEPHERD: Okay.
14	(Whereupon, the above-entitled matter went
15	off the record and then resumed at 2:23.)
16	LCDR with the Coast Guard.
17	MR. KUCHARSKI: Thank you.
18	LCDR Just one question. Who audits
19	you and your Department? Who performs the internal
20	audits on your your process?
21	MR. LAWRENCE: I it varies. When we
22	we do the internal audit of the office, we break it up
23	into different teams. So I'll assign whoever
24	really, what I did we've only had one since I've
25	been there and that was back in December. I looked at

	the previous audits to see who was involved in auditing
2	in different departments. So I utilized those same
3	auditors and to audit us. I have to look up that
4	specific audit for my department. I think it's you
5	know, I have to look but I think it's Eunice Kaderite-
6	Young (phonetic) was one of them who conducted the
7	audit. We have records of all that in the office if
8	you need to see them.
9	LCDR And it's all people who are
10	outside of your department?
11	MR. LAWRENCE: They're all yes.
12	LCDR Okay.
13	MR. LAWRENCE: Yes. There's only two people
14	in my department, me and Patty Finsterbusch. So
15	LCDR Thank you.
16	MR. LAWRENCE: Okay.
17	LCDR One quick question to oh, I'm
18	sorry. I'm sorry. Go on and finish.
19	MR. With the Coast
20	Guard. You mentioned earlier when you were asked about
21	job-hazard analysis and if you would expect to see one
22	of those for any voyage. What about when they're
23	expecting heavy weather? Would you expect to see a
24	job-hazard analysis done on a particular voyage if
25	there if heavy weather was expected?

1	MR. LAWRENCE: I would not see it.
2	MR. Maybe not see it.
3	MR. LAWRENCE: Yes.
4	MR. But would you expect it to be
5	done?
6	MR. LAWRENCE: Yes. I mean I would expect
7	some type of on-board risk assessment to address, you
8	know, severe weather within whether I would expect a
9	specific job written job-hazard analysis, I may not.
LO	You know, I don't think there I haven't actually
L1	spelled it out and said you must do one for this. It
L2	would be a good opportunity to do one but seeing it's
۱3	more of it's more of the navigational issues, I
L 4	wouldn't expect a job-hazard analysis, typically.
L5	MR. So it's not required for the
۱6	SMS for that particular
L7	MR. LAWRENCE: It's not a requirement. No.
L8	MR. The reason I kind of went
۱9	there is because of what you said earlier. If there's
20	an incident, one of the first questions you said you
21	would ask is, was a job-hazard analysis done?
22	MR. LAWRENCE: Yes. It is, depending on the
23	incident though.
24	MR. Right.
25	MR. LAWRENCE: Whether I understand what

you're saying. Yes. It would -- it would be based on the -- on the type of incident there and then I would look to say what I would expect -- exactly what you just asked me, would I have expected a job-hazard analysis to be done for this type of a task that caused this accident? And that's when I would go back and say, did you do a job-hazard analysis? So it would be more, if it was within my expectation that it should have been done --

MR. Right.

MR. LAWRENCE: -- then I would have questioned them. But a navigational incident, probably typically not. I wouldn't ask that.

MR. So where my mind is going is let's say an incident happened where it was due to heavy weather but much less severe than this particular incident. Somebody falls and hits their head, something falls off of a -- you know, of a shelf and hits somebody in the head, you know, a container falls off the vessel but not nearly as catastrophic as this incident, is that -- you know, a much less incident would you have expected -- would you have asked that question whether a job-hazard analysis done, particularly for navigating in heavy weather?

MR. LAWRENCE: I hadn't thought of that

before. So, yes, in that situation, I probably would look. I'd look and see whether I would. It would be kind of a case-by-case situation. So, if somebody got hurt based on something that he wasn't specifically doing a task himself, that would be a situation where I would be looking for a job-hazard analysis, if he was involved in the task or working with somebody else, that type of injury.

But, if it's a condition of the vessel, a catastrophe of the vessel or a mechanical issue, it wasn't a task that was being conducted, I wouldn't say necessarily that would require a job-hazard analysis.

MR. Okay. Thank you.

MR. O'DONNELL: Just quickly on a -- Louis
O'Donnell with ABS on top of the Commander's question
and Al's question, TOTE as a company doesn't have a
standard or general risk assessment of let's say common
activities and things like that, a safety risk
assessment?

MR. LAWRENCE: Not written other than, again, the -- you know, I wasn't involved in writing the existing manuals. So I would -- I would hope that the manuals are written based on some type of risk assessments that were looked at prior to coming up with all the policies and procedures the company has.

MR. O'DONNELL: Thank you.

MR. SHEPHERD: Al Shepherd, American Bureau of Shipping, it's a follow-up to Commander Odom's question with regarding your department being audited.

You're included in internal audits, as you've already answered. But it's fair to say you get audited quite heavily when the next auditor comes in?

MR. LAWRENCE: Correct.

MR. SHEPHERD: You're quite possibly audited more heavily than other departments because of the nature of your -- of what your department does?

MR. LAWRENCE: Definitely correct.

MR. SHEPHERD: Thank you.

MR. KUCHARSKI: Okay, Mr. Lawrence, this is
Mike Kucharski again. Did you audit, as part of your
SMS audits, the plan maintenance system of the vessel?

MR. LAWRENCE: That would be part of the audit, you know, talking -- again, more of spot checking with the Chief Engineer as far as that would be more of the records of the system, seeing if he has a plan maintenance system. You know, whether that involves that it's being kept up as far as that specific El Faro incident that we discussed earlier, I can't recall, actually, my discussions with the Chief Engineer looking into that section.

And, in reality, seeing that I'm not an engineer, if I have an engineer doing the audit, I would anticipate that they may get more into the engineering maintenance systems and, again, that's why we have different auditors going on at different times.

MR. KUCHARSKI: So why --

MR. LAWRENCE: When I'm there, I may be going more into the safety management side of things, more of the record keeping. But I said -- but I do discuss with the Chief Engineer various -- I'll look at various requirements within the safety management system and some of them may be plan maintenance issues.

One question I typically ask them for is do we have a listing of their critical systems and we'll look at their -- whether they ought to separate their operation making sure they're keeping up the requirements for that for the company requirements. So I'll pick and choose various things out of the manuals based on the limited time of the -- an audit and it will vary each time, yeah, depending on what questions that I'll ask there in the audit.

MR. KUCHARSKI: So the last along this -the engineering line or even the deck, how do you know
the rubber where it meets the road that it says that
they did this? Do you spot check? Do you go out there

1	and physically look to see that it was done?
2	MR. LAWRENCE: I may.
3	MR. KUCHARSKI: Have you on the El Faro
4	since you've been here?
5	MR. LAWRENCE: No. No.
6	MR. KUCHARSKI: Are you aware of any
7	internal auditors, third-party, that have done that?
8	MR. LAWRENCE: I'm not aware of any other
9	you know, again, I've only been there for a little over
10	a year, so there's only been one or two internal audits
11	conducted during that time frame and I'd have to refer
12	to the actual internal audit itself to see the last
13	one if somebody did get into that detail.
14	MR. KUCHARSKI: If the closed on that,
15	folks?
16	MR. SHEPHERD: I had one thing. Al
17	Shepherd, ABS. With regard to maintenance that's
18	what we were talking about, right?
19	MR. KUCHARSKI: Yes.
20	MR. SHEPHERD: With regard to maintenance,
21	is there an element within the ISM code that talks
22	about maintenance?
23	MR. LAWRENCE: Yes. Yes.
24	MR. SHEPHERD: And is so, when you do
25	your audits, if you you're auditing through

1	MR. LAWRENCE: The elements of the code?
2	MR. SHEPHERD: the elements of the code,
3	it's Element 10, correct?
4	MR. LAWRENCE: I don't recall. I'd have to
5	have it have it here in front of me to refer to
6	which element it may be.
7	MR. SHEPHERD: When there's another element
8	in the code and you're auditing to the code, there's
9	it's one of the elements of the code?
10	MR. LAWRENCE: That's correct.
11	MR. SHEPHERD: Okay. Thank you.
12	MR. LAWRENCE: I'm aware of that.
13	MR. SHEPHERD: Thank you. Thank you.
14	MR. KUCHARSKI: Okay. Mike Kucharski back.
15	If the I think we've touched on this. If the
16	Captain wanted to change the ship's normal route, who
17	would he notify?
18	MR. LAWRENCE: I'm not aware if there's a
19	requirement to notify anybody before the fact. I would
20	assume somebody in operations but I'm not I'm not
21	familiar with what the protocol is for that.
22	MR. KUCHARSKI: Okay. Let me I hate to
23	sharp shoot you but I've been zeroing in on the
24	weathering and monitoring and, you know, it talks about
25	the Master's responsible for the monitoring and

analysis of the weather along the vessel's intended 1 2 track. How do you spot check that? How do you check to make sure he is doing that or she? 3 I don't. MR. LAWRENCE: 4 5 MR. KUCHARSKI: Okay. The -- it says in here the Master shall advise the HQ office of speed 6 7 reductions and/or changes due to adverse weather. 8 who does he report this to by your SMS? 9 MR. LAWRENCE: That would be -- that would 10 But, again, I'd have to look at that specific 11 section of the manual because we just changed a number of areas in them manual and that's one I may not have -12 13 - have to -- again, I'd have to refer to whether we put 14 a change to that or not. That just would have happened a few weeks before -- since then, actually, on this 15 revision but --16 It says, "Before 17 MR. KUCHARSKI: 18 encountering heavy weather, the Master should take 19 proper precautions to stow and secure all the vessel's 20 equipment." So how do -- how do you -- sorry. It went into a sleep mode. 21 22 MR. LAWRENCE: I made it do that. MR. KUCHARSKI: There we go. 23 That's enough with that line 24 MR. LAWRENCE: 25 of questions now.

MR. KUCHARSKI: The computer went into sleep mode. Divine providence. There you go. That was the life line that was thrown to you. Okay. So I don't want to beat you to death on this but there are passages in there because I've been looking at this very carefully and I guess I'm just trying to get my arms around -- I think we all have, what the reporting process is by SMS. We really don't know. We have it in there but we -- well, someone maybe will be able to explain it but you can't?

If the Captain wanted to get -- to obtain weather routing assistance, who would he go to to ask for that permission?

MR. LAWRENCE: I'm not sure. He can go to any -- you know, basically, I would -- I would imagine he would go to his port engineer or the director of ship management for that vessel. Typically, anything to do operational, any aspect, they would go there. However, I'm not saying he couldn't come to my division.

If he comes to me or to my assistant, we would, obviously, find out that information for him as well and make sure it gets to the right person or, again, I look at us as a team. So, if somebody else isn't available, if I get a question from a captain on

one I'd answer, I'd look into it for them. 2 MR. KUCHARSKI: Okay. So, if no other 3 member of the team is available, if he came -- if he 4 5 called you up and he said, Captain Lawrence, I want 6 ship routing, do you -- can you then authorize it right 7 then and there? 8 MR. LAWRENCE: No. I'd have to really I mean I feel I can authorize it but I have 9 research. 10 to research to see what it entails, what he's -- you 11 know, I have to get to more details about it, what do other vessels have, do we have contracts with that. 12 It's a scenarios that I'm typically not involved in. 13 So it may be something he's asking that we 14 already have on other vessels. So I would find out the 15 16 answer or direct it to somebody else within the office that I would feel would be better set to answer those 17 18 questions. 19 MR. KUCHARSKI: Well, who would typically, 20 in the -- in the weather routing or in the weather 21 service that the vessel had, who would approve that? 22 MR. LAWRENCE: I would say it would be the 23 Director of Ship Management for that vessel. 24 MR. KUCHARSKI: The Director of Ship 25 Management?

a certain aspect that may or may not be typically the

1	MR. LAWRENCE: For those
2	MR. KUCHARSKI: For those vessels?
3	MR. LAWRENCE: would be Jim Fisker-
4	Anderson.
5	MR. KUCHARSKI: Okay.
6	MR. LAWRENCE: Yes.
7	MR. KUCHARSKI: Who is an engineer, I
8	believe?
9	MR. LAWRENCE: At this at this time.
10	MR. KUCHARSKI: Who is an engineer?
11	MR. LAWRENCE: I believe so.
12	MR. KUCHARSKI: Okay. Is there anyone with
13	a nautical background that's in that process?
14	MR. LAWRENCE: Not that not that I'm
15	aware of, no. And, again, not that they they'll
16	come to me for certain advice or guidance at times
17	because I am do have that background. They may also
18	go to Eunice Kaderite-Young who is a Port Captain in
19	our office, although she's dealing with the other
20	vessel, one other vessel, typically. They may go to
21	her for some guidance or information on that, too, that
22	she may be able to find out for them.
23	MR. KUCHARSKI: Well, let me ask you
24	specifically, did the Captain of the El Faro ever ask
25	you for assistance in that?

1	MR. LAWRENCE: No.
2	MR. KUCHARSKI: To your knowledge, did the
3	Captain of the any of the Captains on El Faro ask
4	you for help or information, discuss any of that with
5	you?
6	MR. LAWRENCE: Not that I recall.
7	MR. KUCHARSKI: Are you ware of anybody in
8	your in your direct-reports? Do you have anybody
9	that reports up to you?
LO	MR. LAWRENCE: Patty Finsterbusch.
L1	MR. KUCHARSKI: Has anybody asked her for
L2	any of that assistance?
L3	MR. LAWRENCE: Not that I'm aware of.
L 4	MR. KUCHARSKI: Around the room? No?
L5	
L6	MR. Yes. Reading from the SMS for
L7	the weather-routing portion, it says, "Since weather
L8	routing service provides valuable information, it is
L9	strongly recommended that the Master pay particular
20	attention to their guidance." From a company point of
21	view, why didn't you just routinely provide this
22	guidance to all your vessels?
23	MR. LAWRENCE: I said I'm I haven't dealt
24	with that at all. I said I'm not familiar with what we
25	do for the routing and that was something, again, that

my department of responsibility was not overseeing 1 2 that. MR. KUCHARSKI: Mike Kucharski. 3 GMDSS, what other forms or means of communication do 4 5 you have or does the vessel have to talk to shore? - don't they have like iridium phones, cell phones or 6 7 they -- what? 8 MR. LAWRENCE: Again, each vessel has different systems as far as I'm concerned. Again, I'm 9 10 not that familiar with the -- each vessel's specific 11 equipment but they have satellite phones is the typical way, either satellite phone or cell phone. If they're 12 in port, the way I would communicate with the vessel 13 would be through their cell phones. If they're at sea 14 and out of cell phone range, I would communicate with 15 16 the vessel either email both places or satellite phone. MR. KUCHARSKI: When you say cell phone, is 17 18 it a company-provided cell phone? 19 MR. LAWRENCE: Correct. 20 MR. KUCHARSKI: And, when you talk about 21 satellite phone, it's a satellite phone --22 MR. LAWRENCE: Through a contract we have on board the vessel, usually a Inmarsat C. So it's --23 24 that's a very --25 MR. KUCHARSKI: Outside of the umbra of the

GMDSS equipment?

MR. LAWRENCE: Yes. I think so. I'm not -again, I'm not that familiar with the -- all the radio
equipment on board the vessels. So my understanding is
the satellite is separate from the GMDSS, maybe under
the same contract.

MR. KUCHARSKI: Maybe not all the vessels, understood. It's a lot of vessels.

MR. LAWRENCE: Yes. Okay.

MR. KUCHARSKI: Let's zero in on the El Faro? Did she have alternate means of communicating with you outside of the GMDSS?

MR. LAWRENCE: If satellite phone, telephone is outside of the GMDSS, yes, she did.

MR. KUCHARSKI: Okav.

MS. BELL: Carrie Bell, NTSB. What would be a reason you might contact the vessel via phone or email while they're en route? Is there any time you would ever call them?

MR. LAWRENCE: Typically, if they had an incident, a injury on board, if I'm looking for outstanding paperwork, even then I don't -- I wouldn't do that that much. I'd do that more in port. But, for at sea, it would -- I don't have a lot of communication with the vessels unless we're planning an audit,

looking at where they're going to be in port next, any issue that may come up that would involve safety and myself. But, typically, I would say it would be some type of an injury or medical advice that they are seeking from our medical advisor that I would follow up on.

MS. BELL: So you wouldn't -- you wouldn't call just to check in, if they're in bad weather and you know they're in bad weather?

MR. LAWRENCE: No.

MS. BELL: And you never just call to check

MR. LAWRENCE: I wouldn't -- I wouldn't say never. You know? If it's -- if it's something that I feel that they need or somebody needs to talk to them about or for some reason. It's a case-by-case situation. I wouldn't -- I would always -- if I felt it was needed, I would call them. Let's put it that way.

I wouldn't shy away from calling the Captain of the ship for something I felt is either an operational concern or a safety concern, which basically everything comes back to a safety concern as far as I -- you know, as far as myself goes or environmental issue I would call them. But that's --

in?

typically, most of my contact with all the vessels is 1 2 either due to a -- an accident, an injury or an oil spill, some type of incident or, unless they're looking 3 for some specific quidance having to do with permission 4 to do certain work on board that they may need a hot-5 work permit or something like that for. Then they'd 6 7 give me a call. 8 MS. BELL: Okay. Thank you. UNIDENTIFIED SPEAKER: On the southbound 9 10 voyage of the El Faro, how many times did you talk to 11 the ship? MR. LAWRENCE: I did not. 12 UNIDENTIFIED SPEAKER: With the exception of 13 14 the final call? Oh, I'm sorry. 15 MR. LAWRENCE: Yes. 16 UNIDENTIFIED SPEAKER: Okay. Thank you. MR. LAWRENCE: Yes. Yes. Just the one --17 18 the one communication with the ship. Yes. 19 MR. KUCHARSKI: Coast Guard, do you have 20 one? 21 MR. NEUBAUER: I have one question. 22 MR. KUCHARSKI: Okay. 23 MR. NEUBAUER: Jason Neubauer, Coast Guard. Sir, would you typically receive an immediate call from 24 25 the El Faro if there was a report of a marine casualty

and what level would -- if you did, what level would they normally report to you?

MR. LAWRENCE: I actually have a memo out to the ships that anytime they have a injury where they need -- they're contacting our medical advisors -- we have a medical -- contracted medical advisor service, that they should call me to discuss or HR but, typically, I want them to call me direct so I'm aware that they -- there's an injury, anything above a first-aid injury. Yes. Basically, that's a requirement.

Or any emergency situation as far as that any member of our emergency response team. I'm the first one on the list they would call for -- and for any type of a environmental issue, for an oil spill. Seeing it was QI, I would want them to call me direct and notify me. I'd be the first notification they typically would try. I would expect that.

MR. NEUBAUER: Were there any other types of emergencies to find, for instance, loss of power, fire, flooding?

MR. LAWRENCE: All those are addressed in our manuals but, as far as -- as far as notification to the company, they -- I would typically expect that call as well either to me or -- again, it depends on the severity, I think, of it. But seeing I'm the emergency

team coordinator and the first one to call, I would expect a call for loss of propulsion or something like that. If there's anything that would possibly require a Coast Guard 2692 Casualty Report, either I would expect a call or an email depending, again, on the severity of the notification.

We actually have a packet -- a -- for any type of incidents that have all the specific forms that they would need to fill out. It's kind of a -- instead of having to look up the different forms, including 2692s for any type of a injury incident or a -- or an accident. And that gives specific instructions on there to -- it still says -- again, that's one of the changes we have to make.

It says you can fax it to the company. We typically don't do the faxes anymore but it has notification requirements to notify the company, you know, within so many hours of this. But, typically, with the communications we have now, they would do that verbally.

MR. NEUBAUER: As part of that package, sir, are there any checklists for each type of emergency that you fill out?

MR. LAWRENCE: That I fill out, myself? No.
There's -- no. There's none that I'd be using for

that. There are checklists within our vessel response plans that can be utilized but I have not been utilizing any specific checklists.

MR. SHEPHERD: Al Shepherd, ABS. I think it's my last question. With regard to -- I wasn't privy to -- I wasn't party to your initial interview and I -- you don't need to rehash that now but it's a question I have. If you've already covered it, we don't need to readdress it here.

In your role as DPA, when you got that notification -- again, I don't know the exact date of that notification, did you -- what was your response within the company? What did -- what did you do within the company? Who did you -- who did you notify about it?

MR. LAWRENCE: Okay. After the initial -after the two -- I mean just to reiterate, you know, he
gave me a direct call on my cell phone, left a voice
message because I'd picked up on the last call. During
my -- after I listened to the voice message, I
immediately attempted to call him back on satellite
phone. During that attempt to call him, he actually
was calling through the call center, our alternative
number. So I accepted that call and then put me into
direct conversation with him.

1	Once I realized what apparently was an
2	urgency to the call, when we hung up, you know, I told
3	him, okay, get to it and I'll notify the Coast Guard.
4	What I did there, I called I actually sent out a
5	I actually can't remember. I'd have to look at my time
6	line whether I called I think I made an initial call
7	to our Vice President of Operations, Mitch Walker, and
8	asked him to make other notifications to our President
9	and to other people. We have a list in our emergency
10	response team, you know, of who should be contacted;
11	obviously, the owners and various people involved.
12	I told him I was notifying the Coast Guard
13	already. So I asked him to notify the other people on
14	the list and so that way I could keep the my phone
15	free for communications with the Captain and/or the
16	Coast Guard.
17	MR. SHEPHERD: Thank you.
18	MR. LAWRENCE: Thank you.
19	MR. KUCHARSKI: Just out of curiosity, you
20	mentioned Mitch Walker. He's Vice President of
21	Government Operations
22	MR. LAWRENCE: Correct.
23	MR. KUCHARSKI: vessels. Okay. But you
24	went to him because of
25	MR. LAWRENCE: Just because he's located

	within our office here in backsonville where thir
2	Morrell is located in Seattle on the west coast. So
3	Phil may be upset at me that I didn't call him
4	immediately as well but it was typically, Mitch is
5	part of our emergency response team so I called him,
6	you know, knowing he was in the office or be in
7	going into the office shortly. And that's just the
8	typical protocol I use. I will call him or sometimes
9	Lee Peterson here but usually I call Mitch because I
10	know that seeing he's Vice President, let him notify
11	the President and other people on the list. And that
12	way I know they're going to get the notification fairly
13	quickly and Mitch has been with the company for a long
14	time, too, so he's aware of the protocol and the people
15	that within the company.
16	MR. KUCHARSKI: And his background is
17	engineering, deck?
18	MR. LAWRENCE: Engineering.
19	MR. KUCHARSKI: Engineering.
20	MR. LAWRENCE: Right.
21	MR. KUCHARSKI: And Mr. Morrell's background
22	is?
23	MR. LAWRENCE: Engineering, if I'm if I'm
24	am I correct in engineering? Maybe I'm mistaken.
25	MR. PETERSON: Well, no. He wasn't a he

1	wasn't a mariner. He was
2	MR. KUCHARSKI: Could you identify yourself,
3	please?
4	MR. PETERSON: This is Lee Peterson. I
5	he wasn't a mariner. He came out of the shipyards when
6	he was a but he'll be here tomorrow.
7	MR. KUCHARSKI: Okay.
8	MR. LAWRENCE: I'm sorry. I thought he was
9	an engineer.
10	MR. KUCHARSKI: Trying to build on Al's
11	train of thought here. Okay. This is Mike Kucharski
12	back. Do you do any tabletop drills at the office and
13	include the ship as to emergency situations outside of
14	spill response?
15	MR. LAWRENCE: Since not since I've been
16	there at the office.
17	MR. KUCHARSKI: Do you have any records of
18	any looked through the records to see if they've
19	done a tabletop
20	MR. LAWRENCE: No, I haven't.
21	MR. KUCHARSKI: with a ship on say a
22	fire, flooding or any situation, collision, grounding,
23	anything like that that you've seen?
24	MR. LAWRENCE: We do a security drill,
25	annual drill that's incorporated with an emergency

drill on an annual basis. And I know Eunice Kaderite-Young -- I usually leave her. She volunteers to do that because she's been doing it for the company. She's been there a lot longer than I have, so I turned that over to her last -- when we did one this past year to initiate it and contact the vessels to call in.

And they -- again, I have to refer to the actual records for that but I know that we've contacted the vessels and I let her take the lead and I've been involved in it as well and have the vessels come up with a specific emergency and incorporate a security emergency with that as well. And then they'll call in. That's typically when -- one of the times when they'll set off their SSAS alarm, you know, as part of a drill.

They do that on a quarterly basis as it is required also. But we'll do that on the -- near the end of the year, typically, as a tabletop type exercise.

MR. KUCHARSKI: And that includes a ship?

MR. LAWRENCE: Correct.

MR. KUCHARSKI: And it's a security --

MR. LAWRENCE: We, actually -- the ship, actually -- we have the ship initiate it. We tell them -- give them a period of time, a day and say we want you to initiate this. And then we speak to them.

1	MR. KUCHARSKI: So it's security plus some
2	other type of incident on board ship?
3	MR. LAWRENCE: To my best or recollection,
4	yes. I'd have to look up the actual records. Again,
5	I've just been with the company a little over a year.
6	So we've only conducted one of those and seeing that
7	Eunice Kaderite-Young was most familiar from doing
8	those in the past, I gave her the lead and let her run
9	with it.
LO	MR. KUCHARSKI: Is she in the office with
L1	you?
L2	MR. LAWRENCE: Yes.
L3	MR. KUCHARSKI: I mean in the same office?
L 4	MR. LAWRENCE: Yes. We just have one open -
L5	- one open room, basically, in our office setup.
۱6	MR. Coast Guard. I
L7	want to circle back to the 7:00 in the morning call.
18	We talked about tabletop exercises. Do you have a
۱9	protocol that you could produce that explains what you
20	do for this particular call? In other words, this
21	you we've had a discussion, ship in distress versus
22	ship at sea and say is there a protocol that you
23	follow?
24	MR. LAWRENCE: Not specifically for the
25	for the different type of casualties. It would be more

for general, you know, marine casualty versus an oil spill versus an injury. And, again, I'd have to refer to our emergency response team manual to see if there's any specifics. I'm not aware of any specifics in there.

And then, within our overall emergency procedures manual, there are various specifics in there for different types of casualties, including abandon ship and other things there, too, as far as giving guidance. It's more generic guidance though for the entire fleet.

MR. So you have experience and background as a Master. But did you have that actual - - you mentioned specifics. Did you have the specific protocol or similar checklist or whatever at your disposal where you were when you received that call?

MR. LAWRENCE: I did. I had my Emergency Response Team manual. So once I -- I carry that with me at all times, except right now. It's up in the room if you need it. But basically I take a look at that for -- I know the call coming in. And then I would immediately pull out the manual to make sure I had the proper Chip satellite number if I was able to call it and call back.

I also have all the contact numbers for all

of our people on the Emergency Response Team, all the people in the company, all cell phone numbers, all the satellite numbers for all the vessels. So it's all the contact numbers including all regulatory contact numbers.

And what I did in that instance there is I knew that the Captain had told me he was going to push the security alarm, so I knew that would be going off.

So it's, right after our conversation, within a few minutes, I received a message from the RCC Norfolk.

Well, basically, it comes right from the ship and then an additional message goes to RCC Norfolk.

So I knew that they would be calling me if I didn't call them because my name is on the SSAS alerts as well. So I immediately, when I hung up the first thing I did was call. And I saw the alert come through to us, and it comes through via text and email to every person on the Emergency Response Team.

But what I did is I called the RCC Norfolk to explain to them about the situation, that it wasn't a security alarm but it was basically a distress signal. And then they told me they'd call Coast Guard Miami. And they took care of that call and they said to expect a call back from them.

So I gave them my number and I did receive a

1	call back from them later. In the meantime, I had
2	called, you know, Mitch Walker and asked him to make
3	company notifications. And then right after that I
4	sent out a message to the entire Emergency Response
5	Team, an email, a quick email with just a quick
6	synopsis of the casualty to let them that I had taken
7	the call and that, quickly the specifics of what the
8	ship was going through.
9	MR. I'm curious as to, during that
10	call, the fact that you didn't ask in other words,
11	the captain didn't ask for anything.
12	MR. LAWRENCE: Correct. He told me that he
13	was calling me just to give me a heads-up that he was
14	going to be pushing the alarms.
15	MR. Okay.
16	MR. LAWRENCE: And he gave me position, and
17	then I asked some additional questions quickly in order
18	not to keep him on the phone too long.
19	MR. Did you ask that we had
20	this conversation but I want to clarify it
21	MR. LAWRENCE: Yes.
22	MR because there was some
23	information that I heard, but I wasn't sure. Did you
24	ask him if he needed tug assistance?
25	MR. LAWRENCE: I did not.

1	MR. Did you ask him if he needed
2	salvage assistance?
3	MR. LAWRENCE: I did not.
4	MR. And I don't want to go into
5	the subject matter but did the Captain have a private
6	message for you of any type? You don't have to
7	disclose the contents but I'm wondering
8	MR. LAWRENCE: No.
9	MR. And then when, eventually, you
10	spoke to the Coast Guard in Miami they classified it as
11	a distress, the activity that the ship was going
12	through, as being disabled.
13	MR. LAWRENCE: Correct.
14	MR. Did you have any thoughts
15	about pushing back to them and, from your point of view
16	as a DPA or company representative, insisting that this
17	was a vessel in distress and reclassifying that or
18	strenuously reclassifying that?
19	MR. LAWRENCE: No.
20	MR. Okay. Thank you very much.
21	MR. LAWRENCE: Okay.
22	MR. With the Coast Guard.
23	Kind of a lead-off of what was saying, there in
24	your safety management system you were talking about
25	earlier evaluation of the situation.

And in Section 5.2 it talks about it should 1 2 only be assumed that the situation will not get better and will, in fact, worse. And it is the stance of the 3 company to take that approach to a situation. So based 4 5 on the call and the fact the vessel was flooding, do 6 you feel like, that you guys reacted in accordance with 7 the section in assuming it that it was the worst 8 scenario? 9 MR. LAWRENCE: Yes. I notified a salvage 10 contractor immediately during those, right after the 11 initial calls to put them on notice in case we needed

MR. So would you say -- your safety manual says it's better to overreact on the side of safety, and it should be assumed that it will not get better. So, again, kind of talking about what was talking about, and talking to Coast Guard and stuff like that, do you feel like that that's the approach you guys took towards the situation?

MR. LAWRENCE: Yes, I do, because I did not feel that there was a danger of loss of life at the time. My initial interpretation or impression is a loss of, basically a disabled vessel.

And from the information that I, you know, my opinion, from the information that I received from

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them as well.

the captain, I had no reason to not believe that they were going to straighten the ship up and get the engines back on, and maybe have loss of communications continue.

But I honestly didn't feel there was -- and that may be because the Captain was so calm and professional that I didn't get that impression from him until it was heightened a little bit when he said we're not planning on leaving the vessel right now.

And that's when I realized maybe it is a little bit more serious, the things that are going on there, than was being portrayed. And that's when I said, okay. I asked a few other questions about the weather at the time. And even the weather he gave me didn't appear to be that bad right then and there.

So that's when I said -- and he said he was going to push the alarms, so I said, okay, well, get to it and I'll -- basically I was going to get off, get out of his hair and let him do his job, and then I do my job.

MR. Thank you.

MR. YOUNG: This is Brian Young with NTSB.

Do you guys, in your group, stand any sort of a rotational watch that could be gotten hold of by the emergency call service? Or do they know just to call

you?

MR. LAWRENCE: Does the Captain know just to call me, are you saying?

MR. YOUNG: No, does the emergency call center know --

MR. LAWRENCE: Oh, they have the list of our whole Emergency Response Team as well. And they go right down the list then. So what they do is they initially will send a email and a text to the entire team.

And if they don't -- what they're attempting to do in that case is to hold the Captain on the phone or on the call or on the phone and then they'll send a text out. And then they'll wait for either us to call them back or they'll try to contact the first person on the list, which is me.

And so the purpose is to hold them, to hold the person on the phone so they don't let them go. And then that's -- it did work at that time. They're aware as soon as they call the first person on the list, which is me. While they're doing that then I answered and they put me in direct contact with the Captain.

MR. YOUNG: Okay. But you would be the first -- your number would be the first one to call?

MR. LAWRENCE: Correct.

MR. YOUNG: Okay. Who would be beyond you, 1 2 next? MR. LAWRENCE: I'd have to look at the list. 3 I think it's Lee Peterson. 4 5 MR. PETERSON: No, I'm actually towards the bottom of the list. 6 7 MR. LAWRENCE: Oh, are you on the bottom? 8 MR. PETERSON: I think it comes up like with 9 Eunice (phonetic). 10 Eunice Kaderite-Young. MR. LAWRENCE: Okay. 11 MR. KUCHARSKI: And that's Lee Peterson talking too? 12 MR. PETERSON: 13 Yes. Okay, thank you. 14 MR. KUCHARSKI: We have to take a look at the 15 MR. LAWRENCE: 16 list, yes. MS. BELL: Carrie Bell, NTSB. 17 18 experienced designated person, I assume you've taken 19 calls in the past that have been distressed that you 20 had to pass on. Would you say that -- and this is 21 generalizing but just from, in your opinion, that a master would be hesitant to indicate real distress if 22 they thought they might be able to make things work and 23 24 not want to scare anyone or let anyone think that it's 25 worse, the situation is worse than it is?

MR. LAWRENCE: I would agree with you. 1 Ι 2 think it depends on the personality of that master. But, yes, I would think that they would not want the 3 intention to just basically put everyone, you know, 4 5 worried about that it's worse than it is. Yes, I 6 agree. Your words are right. Correct. 7 MS. BELL: Thank you. 8 MR. KUCHARSKI: Mike Kucharski. Ball's back in my court now. Does the master hold a pre-departure 9 10 brief before each voyage? 11 MR. LAWRENCE: He's supposed to. In your audits have you 12 MR. KUCHARSKI: checked that to see if they do a pre-departure brief? 13 MR. LAWRENCE: I don't recall. I've done a 14 lot of past audits and that is something that I could 15 16 or would check but not necessarily and, again, on my sampling, and I know I did not check that on the El 17 18 Faro's audit. 19 MR. KUCHARSKI: How about the chief 20 engineer? Are they supposed to hold a pre-departure 21 brief? MR. LAWRENCE: 22 I'm not sure. I believe they 23 I would have to, again, look at this manual 24 to, you know, to see actually what's required. Because 25

1	MR. KUCHARSKI: Okay, so you don't
2	MR. LAWRENCE: I'm not sure.
3	MR. KUCHARSKI: Because I've looked at the
4	SNS. I don't find the bridge pre-departure brief. Is
5	there pro forma for that that you know of?
6	MR. LAWRENCE: I'd have to I'd have to
7	refer to the manual. I said I've, unfortunately,
8	worked for a number of different companies and I'm not
9	sure if this manual says that or not.
10	MR. KUCHARSKI: Is there actually a JHA
11	matrix? You mentioned that earlier about matrix. Is
12	there one?
13	MR. LAWRENCE: I do not believe there is one
14	here. The matrix I was talking about was for hot work
15	permits for conducting hot work. It tells you the
16	different levels where you need company permission.
17	MR. KUCHARSKI: Okay, so only a JHA matrix
18	for hot work but not for other items?
19	MR. LAWRENCE: Correct no, it's not a JHA
20	matrix. It's basically a hot work permit matrix where
21	you would need it tells you what permissions you
22	would need for various types of hot work. I don't I
23	don't specifically remember if it has JHA written down,
24	you know, for a requirement with hot work.
25	MR. KUCHARSKI: You reviewed the SMS. Is it

reviewed on a annual basis, quarterly basis or any scheduled basis as reviewed?

MR. LAWRENCE: Shoreside?

MR. KUCHARSKI: Yes.

MR. LAWRENCE: You mean? Yes. Well, I have a -- there is a management review that is done as least annually. And I'll actually sit down with the senior executives and give them a report annually on the condition of our system, whether or not I, you know, any changes, any major changes that I feel we need to make. I mean, any minor changes I can just make on my own, with permissions.

We do have an approval process that, so not just one person can really just make changes. But on an annual basis it's required. And it's part of the ISM as well that you have to have a management review annually. And that management review means sitting down with the senior people in management, including the President, and going through our system, seeing if they're -- there's actually a list of the requirements that I put in there of what we're supposed to look at and address as part of ISM system.

One being if we have the proper resources, you know, going over any major incidents we've had. A little bit of everything as far as ISM is concerned but

it would be an overall review. And we do that, and 1 2 it's recorded, on an annual basis. MR. KUCHARSKI: Changes to the safety 3 management system, are you always involved in that 4 5 process? MR. LAWRENCE: 6 Yes. 7 MR. KUCHARSKI: Are you the final person 8 that signs off on it? 9 MR. LAWRENCE: No. 10 MR. KUCHARSKI: Who is the final person? 11 MR. LAWRENCE: It's -- and it's been since 12 if it was just a typo or something like this, I can 13 sign off on it. The way our system is set up there, 14 you could see on every page, it has who's the preparer of that change or page and then who's the approver of 15 16 that page. And, typical, on many of the pages, Lee 17 18 Peterson approves a lot of the sections in the manual. 19 So it has to be somebody -- has to be an executive. 20 The way our manual's written is that only an executive 21 can make any major changes in the manual. 22 MR. KUCHARSKI: An executive level would be 23 director and above? MR. LAWRENCE: 24 No. 25 MR. KUCHARSKI: Well, where does the

executive level fall in here, mind (inaudible). 1 MR. LAWRENCE: It varies as far as what the 2 3 president has designated as various positions as executive. I think Lee Peterson's title of director, 4 5 he's an executive. But it doesn't say that every director is an executive. 6 7 MR. YOUNG: My --8 MR. KUCHARSKI: Yes? 9 MR. YOUNG: I'm sorry. Could I ask a 10 question? 11 MR. KUCHARSKI: Sure, sorry. This is Brian Young from NTSB. 12 MR. YOUNG: 13 How do you know and verify that the crews have received 14 the updated versions of the SMS system? There's control numbers. MR. LAWRENCE: 15 16 Anything we send out with the SMS system we ask for either a electronic confirmation that they received it 17 18 or we have a transmittal form, too, that sometimes is 19 still used if it's something that is sent, if it's 20 paper format that we're sending to them. They will 21 have to send those back and we keep records of that. 22 But mostly, we're in the transition period. 23 We're trying to go electronic on a lot of the different 24 systems. So certain parts, like our security plan, is

now all electronic versus our manuals. On some vessels

it is electronic. It's on a CD. They don't have the paper version. And other vessels still have the paper version. So we're right in the middle of a transition period there. And we're actually trying to go forward as far as finding even a better platform rather than just a CD at this point here.

So anytime I send something out having to do with any documents, any part of the safety management system, any memos that I'll send out that are part of the management system, I'll ask them, ships, for -- I'll actually put in there, you will not get a paper copy. Please confirm to a certain person in the office.

Usually I use a -- I'm not sure of her title

-- Karen Peterson is the one who does a lot of our

updates of our manuals for us, does the physical

sending out of a lot of them. And then the keeping of

the file system, she does that.

So I'll have them send a notification to her and then she'll file that either, typically electronically now, that response from the vessel. So that's our confirmation that they've received any changes or any new memos or anything like that.

MR. YOUNG: Okay, so you -- policies update on the ship. The ship gets the disc. How do you know

that the crew has received the information that the policy may have been updated?

MR. LAWRENCE: Leave that to the Captain. He's the Captain. He's supposed to be having periodic meetings with his crew. They have a monthly safety meeting aboard the vessel, and that's when they're supposed to discuss anything new to do with the ISM or the manuals. And they do it, I think, more often than the monthly.

And typically they may even put a notice on the bulletin board, you know, that this is a change.

If it's a new policy that we want they'll, a lot of times, post it on the vessel or it may be something that we directed them to post it on the vessel. It varies.

But it's more an on-board function to make sure that the crew is aware of -- they have access to the safety management system. And it's typically, again, by the disc or the books themselves. You know, they'll have access to maybe another -- and, again, ship -- varies ship to ship.

They may have a separate, you know, laptop computer down in their crews' areas that they can access the safety management system on that with a duplicate or what they call uncontrolled disc in that

1	respect there. So, again, it varies vessel to vessel
2	how it's accomplished.
3	MR. KUCHARSKI: Follow-up?
4	MS. BELL: Carrie Bell, NTSB. Do you
5	again, you said they do monthly meetings onboard the
6	ship.
7	MR. LAWRENCE: Correct.
8	MS. BELL: Safety meetings. Do you get any
9	minutes from those?
10	MR. LAWRENCE: Yes.
11	MS. BELL: And do you follow-up if there's
12	anything that, if there are issues raised, anything
13	like that?
14	MR. LAWRENCE: Yes.
15	MS. BELL: Are there issues raised?
16	MR. LAWRENCE: Sometimes. I said I don't
17	look at them myself. I have, actually, my assistant,
18	she looks at most of them when they come in there. And
19	if it's once in a while they come in to both of us.
20	And so I'll make sure that she has them all.
21	And then it varies whether I'll open them up
22	or not, depending on depending if I want to see that
23	specific vessel's minutes or if I'm looking for
24	something or if there is something. But if there's any
25	issues in there, yes, we are supposed to follow up on

So as far as I know, we are following up on it. 1 We have good communication in the office about that. 2 MS. BELL: So does she let you know if she 3 follows up on --4 5 MR. LAWRENCE: Yes. MS. BELL: -- and of those types of things? 6 7 MR. LAWRENCE: Yes, or she'll tell me of an 8 issue that she feels is significant enough that I need to follow up on. Or we may even need to raise it to an 9 10 executive level to follow up on. 11 MS. BELL: Do you have meetings with 12 executive level with a parent company or anything like that on a regular basis to discuss these meetings? 13 MR. LAWRENCE: We do. We do in a few 14 15 different ways. We have the Management Review I spoke 16 about with all the executives and that. And we also have a quarterly Safety Committee meeting. And that's 17 18 where we actually have that in the office, from our 19 office, and we have call-ins from all the vessels that 20 happen to be in port, and they can call in at that 21 time. 22 And it's talking about any and all incidents 23 we had, both first aid injuries and any oil spills to water we've had. We'll go into detail and actually 24 we'll specify the vessel, go through each one of those 25

incidents we've had in the quarter.

We'll discuss every near miss report that comes in from the vessels. At this stage here, you know, my goal is to have too many that you can't discuss them all but at this time here we're still discussing every one of them, which may be, you know, anywhere from 15 to 20 near-miss reports that come in in a quarter.

And we'll talk about any safety issues, any new regulatory requirements that have come up during that quarter that would need to be sent up to the -- would be an issue to the fleet.

Any major accidents or incidents, you know, non-physical incidents, you know, non-injuries but some other accidents like if we have any oil spills we'll also include that there. If we have an catastrophes, any groundings, any type of marine casualty, we'll actually add that to the list.

And then we'll have the side to it, if we've given out a specific safety award to somebody for doing a good job on the ship we'll include that too. So we follow up, we'll discuss all that in the meeting which will typically go, you know, probably anywhere from 45 minutes to an hour and a half. It varies somewhat in the information we have in there.

And then we'll follow up and publish the 1 2 entire discussion of that meeting in a newsletter, and we'll send that out to the entire fleet. And, for 3 instance, the last one we sent out there, I also 4 5 included all of our findings, internal audits done on the American Roll on/Roll off carriers. 6 7 The seven ships we had there we had to 8 conduct internal audits within a three-month period. 9 So that was timely. So we sent -- I included every one 10 of the findings in those internal audits and sent that 11 to the entire fleet for awareness and just to see what we were finding. So additionally, just, and again, 12 13 we're a fairly small open floor office, so we'll get 14 together in a lot of meetings on a lot of different 15 issues just internally and discuss them. 16 MS. BELL: And what is that newsletter that you do? 17 18 It's the quarterly safety, I MR. LAWRENCE: 19 think, I forget what we call it, Safety and 20 Environmental newsletter. 21 MS. BELL: Is that actually on the Internet 22 or is that something internal? MR. LAWRENCE: No, it's internal. 23 24 send it. So we send a copy to the fleet by email. 25 MS. BELL: Thank you.

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MR. LAWRENCE: Okay.

MS. SERRIDGE: This is Melissa Serridge with TOTE Services. Is there any sort of mechanism or scheduled meeting where all the executives and management get together where you would discuss an item on a more frequent basis than just quarterly and where the directors could then reach out to the team for things that needed to be discussed or brought up --

MR. LAWRENCE: There --

MS. SERRIDGE: -- maybe weekly?

MR. LAWRENCE: Yes, there is a weekly meeting we call a flash meeting and we do bring up any safety issues during that. And that involves almost everybody at manager level and above in the entire office, directors, executives, typically 15 people at the table. And that's, right now it's we always schedule Wednesday afternoons.

It typically goes from one to an hour-and-a-half. And one of the things on the agenda is safety.

And we talked about any recent safety incidents, any safety concerns, any safety issues we have during that meeting as well. And the President's there at all those meetings, also. Yes, so I forget where I was going there.

MR. Coast Guard.

1	Is fatigue a safety issue?
2	MR. LAWRENCE: Definitely.
3	MR. How about the mariner's use
4	of prescription and non-prescription medications?
5	MR. LAWRENCE: I would say it's a safety
6	issue. If it's being abused or something, they
7	shouldn't be using that causes fatigue or other issues.
8	MR. What about if they should be
9	taking a prescription and don't?
LO	MR. LAWRENCE: Well, I think that goes
۱1	without saying that could cause an issue too, depending
L2	on what the prescription is for, if it affects their
L3	ability to work or if it causes a fatigue or other
L 4	mental issue.
L5	MR. Okay. So who on board the
۱6	vessel has oversight of those issues; fatigue and
L7	medications?
L8	MR. LAWRENCE: Well, the Captain has the
۱9	ultimate oversight, but I think every supervisor on
20	board is should be aware of what their people are
21	doing and just on, you know, looking out for signs of
22	fatigue problems.
23	We also have, I mean there's, aside from the
24	medication issues, there's work hour rules that every
25	ship has to follow legally and they keep track of those

work hours for all the people on board. 1 2 They have, you know, either electronic program for rest hours, work hours or the company has a 3 spreadsheet that they can utilize if they don't have 4 5 the electronic programs on board. So everyone's 6 looking at those issues. 7 And are shipboard personnel MR. 8 required to report the use of over-the-counter medications such as Sudafed? 9 10 MR. LAWRENCE: Not to my knowledge. 11 And just, who ashore provides routine oversight of those two specific issues? 12 MR. LAWRENCE: I would say their HR 13 department. 14 And do they? 15 16 MR. LAWRENCE: I would say it's -- you know, as I said they have the oversight as far as the cabins, 17 18 you know, the personnel basically, personnel issues of 19 the people coming on board and signing. 20 They would sign a form when they come on 21 board the vessel there that says what medications they 22 may be on, their physical history if the have any 23 issues in the past that they have to sign when they first come aboard the ship. It's part of their 24 25 indoctrination paperwork.

Are you notified of any variances from policy measure from the safety side? Does HR report to

For the transcriptionist,

you if ships aren't maintaining their watch schedules or medical oversight?

MR.

MR. LAWRENCE: Not necessarily report to me.

I mean, I think we worked together on any issues that we see. We, in fact, HR and myself and my assistant, we work very closely together because we're the Medical Advisory Service. If there are any injuries we have a claims person who works directly for HR as well, that's involved in any medical assistance that's required at shore side, so.

Whereas I'm in charge of the injury statistics and the environmental statistics of the company for reporting that to our parent companies and to the company itself. So I'm watching that. Plus I get the work hours that are sent to me each month from our Human Resource Department and our Labor Relations Department. And that's more for statistical purposes of, you know, looking at injury rates and things like that.

So classification of injuries, you know, the Director of Labor Relations and myself agreed to get together on any type of injury above first aid as far

as the classification. And so we both get involved. 1 2 We work together as a team, pretty much, on anything that's needed, if we need to do a medevac or we have an 3 issue. 4 5 The other part is, too, is that like right 6 now one of my hats is the designated employee 7 representative, the DER for the company for the drug 8 and alcohol program. So again, that's obviously a 9 personnel issue when we're doing drug and alcohol 10 requirements. And, so again, we work very closely 11 together as far as Labor Relations, Human Resources and myself find any type of issues that may come up from 12 that. 13 So you've said a couple of 14 MR. times -- and I know that most mariner's can do, you 15 16 know, they handle any challenge coming their way, but you said repeatedly that you wear a couple of hats for 17 18 a small company. Is that too many hats? 19 MR. LAWRENCE: Not yet. 20 MR. Thank you very much. 21 MR. LAWRENCE: Okay. 22 MR. SHEPHERD: Al Shepherd, ABS. 23 mentioned a couple matrix. You talked about one for 24 hot work. Is it you also have a matrix for drills and 25 training?

1	MR. LAWRENCE: Correct.
2	MR. SHEPHERD: Is that something your group
3	maintains or is that something your group
4	MR. LAWRENCE: It's
5	MR. SHEPHERD: monitors?
6	MR. LAWRENCE: It's something that is in our
7	system, our Safety Management System that the vessels
8	have and they have the listing of exactly the
9	requirements and that's something that they'll send in
10	again on a quarterly basis of the training. We call it
11	tracked training. And so it's training that we track
12	by the means of them sending a quarterly update of what
13	they've done on that specific vessel.
14	So we do look at that when it comes in
15	basically to make sure all the blocks are filled in,
16	they've signed off, they said that they've done it and
17	obviously we take their word that they've done it.
18	MR. SHEPHERD: All right. Okay. But your
19	group monitors that and tracks it?
20	MR. LAWRENCE: Yes.
21	MR. SHEPHERD: Good. And what do you find
22	quarterly? So do you find pretty consistent that
23	everything's done within the quarter?
24	MR. LAWRENCE: It is. And if it isn't, we
25	follow up on it and go back to the vessel and say, you

know, hey, either you didn't send in your quarterly 1 report and how come you didn't do this training on 2 board at the time. And my assistant watches that right 3 now. 4 5 MR. SHEPHERD: Okay. How about overtime? 6 Do you get involved with tracked overtime? The reason 7 I ask the question, it's one of those regulatory 8 requirements, right? I mean --MR. LAWRENCE: Well --9 10 MR. SHEPHERD: -- you know, so many hours a 11 person could work, right? MR. LAWRENCE: Correct. 12 MR. SHEPHERD: Does your group track that at 13 14 all? Together with the Labor 15 MR. LAWRENCE: 16 Relations group I do, at times. Yeah, they -- and again, it depends on issues that may have arisen. We 17 18 had some issues with port state on the new vessels 19 we've taken over. 20 So we've identified some concerns there and 21 we've spent probably additional time and focus on those 22 specific vessels and where we've tried to work with 23 them and as far as managing the times, managing the system and making sure that they're following it. And 24

I was listed on there our Labor Relations director as

25

1	far as helping monitor where the vessels can report to
2	me direct. So again, that's one of those team efforts,
3	I think, as far as monitoring that.
4	MR. SHEPHERD: Have you had any issues with
5	the this question will be related specifically to
6	the El Faro
7	MR. LAWRENCE: Not that I'm aware of.
8	MR. SHEPHERD: the El Morro (phonetic)
9	and the El
10	MR. LAWRENCE: Yunque.
11	MR. SHEPHERD: Okay.
12	MR. LAWRENCE: Yes.
13	MR. SHEPHERD: So as I say in the last two
14	years, any
15	MR. LAWRENCE: Nothing that I can recall
16	that came to my attention.
17	MR. SHEPHERD: No issues with any port state
18	
19	MR. LAWRENCE: No, what they
20	MR. SHEPHERD: as far as to or
21	external audits, internal audits with regard to
22	findings related to hours of rest?
23	MR. LAWRENCE: Yes, those vessels aren't
24	subject to port state control because they're all
25	around Jones Act

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1	MR. SHEPHERD: Of course.
2	MR. LAWRENCE: around there.
3	MR. SHEPHERD: Okay.
4	MR. LAWRENCE: So they won't see it. So
5	it'll be mostly
6	MR. SHEPHERD: Right.
7	MR. LAWRENCE: Coast Guard
8	MR. SHEPHERD: Yes. Collects that.
9	MR. LAWRENCE: you know, annual
10	inspections
11	MR. SHEPHERD: Right. Right.
12	MR. LAWRENCE: and our own audits. But
13	again, I'm not aware of any. You know, that may be
14	Labor Relations may have a better answer because,
15	again, Labor Relations is dealing more directly with
16	the people on board and some of the issues on board and
17	especially those ships that they're on board a lot more
18	frequently than I am.
19	MR. SHEPHERD: Does TOTE have a training
20	that's required beyond what's required regulatory
21	bodies?
22	MR. LAWRENCE: I believe so, yes. And
23	technically
24	MR. SHEPHERD: And that's identified in
25	these training matrixes?
l.	

1	MR. LAWRENCE: Yes. Yes. And again, I'd
2	have to specifically look at what areas would be
3	regulatory and which would be above. But I believe we
4	do have, you know, above regulatory training just
5	MR. SHEPHERD: You said
6	MR. LAWRENCE: employed.
7	MR. SHEPHERD: your management system
8	makes reference to training videos.
9	MR. LAWRENCE: Okay.
10	MR. SHEPHERD: Are you still using those on
11	board?
12	MR. LAWRENCE: Somewhat, yes. We have them
13	on board. Again, I'd have to look at the reports they
14	send in quarterly. As I have to say I haven't got that
15	involved in I know we've we have a list of videos
16	and as far as their use of specific videos, I'm not
17	sure if it's required or a tool that's available to
18	them. And again, I'd have to look and see how our
19	safety manager describes that.
20	MR. SHEPHERD: Okay. Thank you.
21	MR. LAWRENCE: Okay.
22	LCDR With regards to the
23	make sure I understand this, they have monthly
24	meetings on board the vessels, safety
25	MR. LAWRENCE: Correct.

LCDR | -- meetings. And then you have 1 2 quarterly ones in the front office. MR. LAWRENCE: Correct. 3 And in regards to the driving LCDR 4 5 the topic of those meetings, do you guys have a set annual schedule on what you're going to discuss every 6 7 year at the same time? Is there topics --8 MR. LAWRENCE: In --9 LCDR | -- kind of laid out every year? 10 MR. LAWRENCE: No, there's on training --11 the specific training that they need to have, but I'm not aware of the safety meetings direction of certain 12 There may be and I'd have to --13 topics. So what provides --14 LCDR MR. LAWRENCE: -- refresh my memory. 15 16 LCDR -- what you're going to talk about at the safety meetings? 17 18 MR. LAWRENCE: I'd have to take a look at 19 our -- if we have. I know that some ships have a 20 specific form. I don't know if that's actually 21 dictated or directed from a safety management system. 22 They're -- again, I'd have to take a look at 23 the -- see which schedule we have up there. 24 they cover a lot of different areas with their safety 25 meeting and some are more structured, I think, than

others --1 2 LCDR Yes. MR. LAWRENCE: -- that I've seen. 3 again, I'd have to refresh my memory and look at some 4 5 of those documents. So has the topic of the meeting 6 LCDR 7 ever been hurricanes and weather routing and with --8 MR. LAWRENCE: I don't --9 -- how the company's approach to 10 that is going to be? 11 MR. LAWRENCE: Yes, I don't recall. method that I'll utilize when I'm sending a memo out to 12 the ship, if I'm sending a memo about a maritime 13 14 incident that maybe we received from the Coast Guard or something within the company or some new regulatory 15 16 change, many times I'll put on that on my introductory sheet from that memo. As I attach it, I'll put down 17 18 please discuss at your next safety meeting. And --19 LCDR Okay. 20 MR. LAWRENCE: -- you know, so I'll give 21 them some direction as far as that's concerned. 22 one that I sent out about the hurricane when I think 23 Danny was the first hurricane we had in Atlantic, I sent a specific memo out to the entire fleet. I think 24

that was in the beginning of August.

25

And I told them about the characteristics of 1 2 that specific hurricane and then, I said, this is the beginning of hurricane season. Here's this one. 3 is what its doing and this is a reminder to all start 5 checking all your different requirements you have on board for hurricane preparation for different areas. 6 7 I put in there for, you know, checking your 8 manuals of what's required. I don't recall if I put 9 discuss at your next safety meeting or not, but 10 typically I can look at that memo and I can see if I 11 did. But that's typically how I communicate that to 12 the vessel myself. 13 So as far as driving changes to 14 the Safety Management System, have any of the safety committees from the vessel ever suggested there be a 15 16 section in the Safety Management System with regards to hurricanes and the trade route associated with them? 17 18 MR. LAWRENCE: I don't. We do have a form 19 and that the vessels do submit when they are 20 requesting a modification or change to our system that 21 they utilize. I do not recall anything about 22 hurricanes or any weather we're having right now. 23 LCDR Thank you. 24 MR. KUCHARSKI: Mike Kucharski, NTSB. 25 Structural monitoring system, is there one on the --

was there one on the El Faro? 1 MR. LAWRENCE: I'm not familiar with that. 2 You'd have to ask one of the engineers, one of our port 3 engineers. 4 5 MR. KUCHARSKI: Well, it's under the 6 navigation section. It says the bridge officers should 7 monitor it, so that's why I was asking you. 8 MR. LAWRENCE: Oh, I quess I'm not familiar with that section. 9 10 Okay. Does TOTE subscribe MR. KUCHARSKI: 11 to any type of emergency response service? And I'm talking about for spill prevention, any other, like 12 different classification societies as a separate 13 service order offer emergency response for major 14 15 shipboard --16 MR. LAWRENCE: Well, the only one that comes to mind is the ABS rapid response, RRDA, the rapid 17 18 response, D stand for -- assessment, damage. There we 19 go Rapid Response Damage Assessment. We do subscribe 20 to that from the American Bureau of Shipping. 21 MR. KUCHARSKI: So you can plug into them 22 and the ship can plug into them directly if they have some kind of an incident? 23 MR. LAWRENCE: Correct. I'm not sure if the 24 25 ship plugs in directly or they go through the office

I'm not quite exactly sure how that works. 1 I'd have to, again, refresh my memory looking at it. 2 But we do have a contract with ABS on the RRDA. 3 We looked at that from the El Faro incident 4 5 here too and put them in touch with our salvage contractors. We had put the ABS in contact with them 6 7 if we needed any of that information to run different 8 models and programs. 9 MR. KUCHARSKI: But you're not aware of any 10 direct asset for the master to tap into in an emergency 11 situation directly to engineering types or naval 12 architect types or something? 13 MR. LAWRENCE: I'm not aware of it myself, 14 no. 15 MR. KUCHARSKI: Okav. 16 MR. Sir, with the The SMS has a lot regarding stability and 17 Coast Guard. 18 what's to be done on the shipboard side. 19 oversight or interface is there on the vessel stability 20 for shore side? 21 MR. LAWRENCE: Again, I think that would 22 have to be directed towards the Director of Ship 23 Management or the port engineers because they have that relationship -- the more direct relationship with the 24 25 vessel. And possibly the -- our owners as well as TOTE

1	Maritime, dealing with the cargo issues of the vessel
2	who actually I mean, they're the ones that actually
3	do the stability and the planning of the cargo for the
4	vessels to my understanding.
5	MR. Okay.
6	MR. LAWRENCE: We don't get involved, or I
7	don't get involved in that, let's put it that way.
8	MR. What about cargo latching,
9	would that be the same
10	MR. LAWRENCE: There are
11	MR as far as testing of the
12	lashings and regular maintenance
13	MR. LAWRENCE: That would again
14	MR on that.
15	MR. LAWRENCE: be directed towards the
16	TOTE Maritime personnel and our port engineers. There
17	is a and again, I'm not familiar with these specific
18	vessels, but there is a lashing manual typically
19	required to be approved for vessels that latch
20	containers on board. Again, that's not within our
21	my Safety Management System part.
22	MR. Thank you.
23	MR. KUCHARSKI: One last round around the
24	room for any general questions, for any more questions.
25	MS. BELL: I have just a general question.

This is Carrie Bell, NTSB. We interviewed your assistant, Ms. Finsterbush. She mentioned something about on the day of the accident, the day -- you received the phone call -
MR. LAWRENCE: Right.

MS. BELL: -- and the incident command team was set up. She mentioned something about a documentation file that was set up. Do you know anything about that or what that was?

MR. LAWRENCE: There was a documentation file set up. And I think it was probably led by either Gallagher Marine or we had our assistants from Foss, one of our sister companies. Scott Merrill, who basically does that part for Foss as far as emergency response, and is very familiar with the incident command, the SES system. So -- and I was the incident commander, but I wasn't aware of specifically where that was being kept.

MS. BELL: So what kind of information would be contained in that file?

MR. LAWRENCE: I'm not sure. I think it was just any of the documents that were coming in just from the incident, anything that we were tracking. My understanding is we just kept that as an overall, kind of a open box to if you didn't know where certain

things went into, you put it in there. It's more of a 1 2 lot of notations and things. But, yes, I'm not sure what ended up in 3 At this point we closed out the incident there. 4 5 command center just yesterday, so we still got a pile of paperwork to go through. 6 7 MS. BELL: You said you did close it 8 yesterday? 9 MR. LAWRENCE: We closed it yesterday. We 10 still continue. We closed the actual incident command 11 center down yesterday, but I'm still continuing as we still have assets out there right now. 12 They're bringing a life boat back. And I got another tugboat 13 doing a final search out there today. And so we're --14 so I'm still dealing with the salvage group right now 15 16 to complete that. MS. BELL: Okay. And what do you do with 17 18 this file once this is completed? Do you --19 MR. LAWRENCE: I --20 MS. BELL: -- you know, have a plan? 21 MR. LAWRENCE: -- go through them and file 22 To be honest with you, this is the first 23 emergency I've been through like this and that's why we 24 bring in Gallagher Marine, who are the experts on dealing with the incident command system and the 25

paperwork involved. 1 I'm familiar with all the paperwork, gone 2 through a lot of drills, especially for oil spill 3 response, but that's where we look forward to them to 4 5 kind of put everything together and put it in the right place. So I've got a lot of reports to still go 6 7 through and separate from junk mail. 8 MS. BELL: Okay. Thank you. Okay. 9 MR. LAWRENCE: 10 Coast Guard. LCDR Are we 11 just asking general questions now or are we still on copy? Mike, just general questions? 12 MR. KUCHARSKI: General questions, yes. 13 14 LCDR Okay. MR. KUCHARSKI: 15 Yes. 16 LCDR So I'd like to just ask a question about Section 9.7 where it talks about 17 18 watertight doors, opening and closing them. And it 19 states that any time a watertight door is open or 20 closed, I see it's supposed to be logged in the log 21 Is that a log book for watertight doors or is 22 that in the main log or the original --23 MR. LAWRENCE: I'm --24 LCDR -- or where would that be logged 25 at?

I'm not certain. MR. LAWRENCE: 1 2 sure how it would be done on that specific vessel, so I really can't speak to where they were logging it. 3 LCDR Okay. Thank you. 4 5 MR. YOUNG: This is Brian Young with the 6 NTSB. One last question. Since you've taken over as 7 DP, have you reviewed the entire SMS system? 8 MR. LAWRENCE: I've reviewed it a number of 9 Reading everything word for word and not times. 10 missing a word, I can't actually say that. I probably 11 have, but I haven't sat down and read it from cover to cover in one or two sittings. It's more of just going 12 13 to specific sections that I need at the time. 14 MR. YOUNG: Thank you. Last questions? 15 MR. KUCHARSKI: Thank you, 16 Captain, for putting up with us and all the myriad of questions and everywhere we went. Thanks for letting 17 18 us pull you away. We know it's a traumatic experience 19 that you're still living through and thank you. 20 MR. LAWRENCE: Okay. 21 MR. KUCHARSKI: That will close. 22 Thank you. MR. LAWRENCE: 23 MR. KUCHARSKI: It's 1536. 24 (Whereupon, the above-entitled matter went 25 off the record at 3:36 p.m.)

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<u>CERTIFICATE</u>

MATTER: El Faro Incident

Accident No. DCA16MM001 Interview of John Lawrence Jacksonville, Florida

DATE: 10-13-15

I hereby certify that the attached transcription of page 1 to 147 inclusive are to the best of my professional ability a true, accurate, and complete record of the above referenced proceedings as contained on the provided audio recording; further that I am neither counsel for, nor related to, nor employed by any of the parties to this action in which this proceeding has taken place; and further that I am not financially nor otherwise interested in the outcome of the action.



NEAL R. GROSS

13 - NTSB Response to Lawrence Final Transcript Errata (3rd Interview)NTSB RESPONSE (in bold blue) TABLE OF CORRECTIONS TO TRANSCRIPT OF INTERVIEW FOR JOHN LAWRENCE TAKEN ON OCTOBER 14, 2015

PAGE	LINE	CURRENT WORDING	SUGGESTED CORRECTED WORDING	NTSB RESPONSE
6	1	company	country	AGREE
6	21	was	was on	Do not agree. Transcript
				correct as is.
19	11	that	than	AGREE
29	11	that	what	Do not agree. Transcript
				correct as is.
29	16	audits for	audits. For	Do not agree. Transcript
				correct as is.
29	17	why	why they	Do not agree. Transcript
				correct as is.
30	3	in	on	Do not agree. Transcript
				correct as is.
30	4	Long	Blount	AGREE
35	5	various	it varies	Do not agree. Transcript
				correct as is.
35	9	bother.	bother with.	Do not agree. Transcript
				correct as is.
41	12	shipping	chipping	AGREE
41	16	to	to do	AGREE
43	9	contractors	contractors'	Do not agree. Transcript
				correct as is.
47	8	Α	in	Do not agree. Transcript
				correct as is.
47	22	problems	problem	Do not agree. Transcript
				correct as is.
49	15	invites	writes	AGREE
50	6	done	done one	
50	16	they wheel	the Wheeler,	AGREE
55	13	vessels officers	vessel's officer	AGREE
59	8	а	an	Do not agree. Transcript
				correct as is.
61	5	Kaderite	Cadorette	AGREE
65	21	plan	planned	AGREE
66	12	plan	planned	AGREE
69	12	them	the	AGREE
71	13	scenarios	scenario	Do not agree. Sounds like "an
		1.2		area"
72	18	Kaderite	Cadorette	AGREE
78	15	it	I	AGREE

80	19	call	ring_	Do not agree. Transcript
				correct as is.
84	1	Kaderite	Cadorette	AGREE
85	7	Kaderite	Cadorette	AGREE
86	23	chip	ship	AGREE
93	10	Kaderite	Cadorette	AGREE
95	4	SNS	SMS	AGREE
103	16	an	any	AGREE
103	19	side	Other side	Do not agree. Transcript
				correct as is.
105	20	talked	talk	Do not agree. Transcript
				correct as is.
107	17	cabins	captains	AGREE
108	7	worked	work	AGREE
108	9	we're	we hire	Do not agree. Sounds like
				"more of"
108	24	Agreed	Agree	AGREE
111	25	Our	With our	AGREE
114	19	safety	safety management	AGREE
		manager	system	
120	8	latching	lashing	AGREE
120	19	latch	lash	AGREE
121	16	SES	ICS	AGREE

If to the best of your knowledge, no corrections are needed kindly circle the statement "no corrections needed" and initial in the space provided.

NO CORRECTIONS NEED. ___

Printed Name of Person providing the above information

re of Person providing the above information

13 - Lawrence Final Transcript Errata (3rd Interview) reformatted

13 - NTSB Response to Lawrence Final Transcript Errata (3rd Interview)